

BMW Testable Coverage

Version V20.00

Updated date: March 18<sup>th</sup> 2007

| System                             | Subsystem                                 | Read Trouble Code   | Delete Trouble Codes | Read Data Stream | Adaptation | Identif-ication | Functions |
|------------------------------------|---|---------------------|----------------------|------------------|------------|-----------------|-----------|
| DME                                | Digital Motor Electronics M1.3 M40        | Delete undervoltage |                      |                  |            |                 |           |
|                                    | Digital Motor Electronics M1.7 M40        | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M1.7 M42        | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M1.7.2 M42      | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M1.7.2 M43      | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M1.1 M20/M30    | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M1.3 M20/M30    | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M3.1 M50 B20/25 | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M3.3.1 M50B25   | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics MS40.0 M50B20   | √                   | √                    | √                | N          | √               |           |
|                                    | Digital Motor Electronics MS40.1 M50B20   | √                   | √                    | √                | N          | √               |           |
|                                    | Digital Motor Electronics M3.3.1 M50B30   | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M1.2 S38        | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M3.3 S38        | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M3.3 S50        | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M3.3 M60        | √                   | √                    | √                | √          | √               |           |
|                                    | Digital Motor Electronics M1.2 M70        | √                   | √                    | √                | √          | √               |           |
| Digital Motor Electronics M1.7 M70 | √   | √                   | √                    | √                | √          |                 |           |

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| Digital Motor Electronics M1.7.1 S70B56   | √ | √ | √ | √ | √ |   |
| Digital Motor Electronics M5.2 M70        | √ | √ | √ | √ | √ |   |
| Digital Motor Electronics M5.2 M73B54     | √ | √ | √ | √ | √ |   |
| Digital Motor Electronics M3.1 M50B20/25  | √ | √ | √ | √ | √ |   |
| Digital Motor Electronics M5.2 M44        | √ | √ | √ | √ | √ | 1.Delete fitness 2.Maintenance  |
| BMS43 M43                                 | √ | √ | √ | √ | √ | 1. Delete fitness   |
| BMS46 M43                                 | √ | √ | √ | √ | √ | 1. Delete fitness   |
| Digital Motor Electronics MS41.0 M52      | √ | √ | √ | √ | √ | 1. Delete fitness 2.Maintenance   |
| MS S50                                    | √ | √ | √ | N | √ | 1. Delete fitness   |
| Digital Motor Electronics MS41.2 M52 B32  | √ | √ | √ | √ | √ | 1. Delete fitness   |
| Digital Motor Electronics MS42.0 M52TU    | √ | √ | √ | √ | √ | 1.Digital Motor Electronics/DDE-Electronic anti-theft system                  |
| DDE 2.2 M52                               | √ | √ | N | N | √ |   |
| Digital Motor Electronics M5.2 M62        | √ | √ | √ | √ | √ | 1. Delete fitness 2.Maintenance   |
| Digital Motor Electronics 5.2.1 M73       | √ | √ | √ | N | √ | 1. Delete fitness   |
| Digital Motor Electronics M3.3 M60        | √ | √ | √ | √ | √ | 1. Delete fitness 2.Maintenance   |
| Digital Motor Electronics MS41.1 M52      | √ | √ | √ | √ | √ | 1.Delete fitness  |
| Digital Motor Electronics MS41.1 M52 ORVR | √ | √ | √ | √ | √ | 1.Delete fitness 2.Digital Motor Electronics/DDE-Electronic anti-theft system |
| Digital Motor Electronics MS41 M52        | √ | √ | √ | N | √ |   |
| DDE 3.0 M47                               | √ | √ | √ | √ | √ |   |
| Digital Motor Electronics MS43 M54        | √ | √ | √ | √ | √ | 1.Digital Motor Electronics/DDE-Electronic anti-theft system                  |
| MSS52 S62                                 | √ | √ | √ | N | √ |   |
| MSS54 S54                                 | √ | √ | √ | N | √ | 1.Digital Motor Electronics/DDE-Electronic anti-theft system                  |
| Digital Motor Electronics M5.2.1 M62      | √ | √ | √ | √ | √ | 1. Delete fitness 2.Maintenance   |
| Digital Motor Electronics 5.2.1 M73TU     | √ | √ | N | N | √ |   |

|           |   |   |   |   |   |                   |                                 |
|-----------|---|---|---|---|---|-------------------|---------------------------------|
|           | ME 7.2 M62TU                                    | √ | √ | √ | N | √                 | 1. Delete fitness 2.Maintenance |
|           | ME 9 N40/N42                                    | √ | √ | √ | √ | √                 |                                 |
|           | ME 9 N40/N42                                    | √ | √ | √ | √ | √                 | 1. Delete fitness               |
|           | DDE4.0 M57                                      | √ | √ | √ | √ | √                 |                                 |
|           | Digital Motor Electronics EMS2                  | √ | √ | √ | √ | √                 |                                 |
|           | Diesel electronic control module 4.1 M67        | √ | √ | √ | √ | √                 |                                 |
|           | DDE Diesel electronic control module 5.0        | √ | √ | √ | √ | √                 |                                 |
|           | Digital engine electronic control module M ME 9 | √ | √ | N | N | √                 |                                 |
|           | Digital engine electronic control module        | √ | √ | √ | √ | √                 |                                 |
| AG        | AG 1.2x 4 Rate 4HP 22/4HP 24                    | √ | √ | √ | √ | √                 |                                 |
|           | AG 2.xx 4-Rate trans. 4HP-24 E31/E32 S70/M70    | √ | √ | √ | √ | √                 | 1.Delete fitness                |
|           | AT 7.xx 5-Rate A5S 3102 (5HP-18)                | √ | √ | √ | √ | √                 | 1. Delete fitness               |
|           | AT 4.xx E34 Gasolin Engine. A4S310R (THM-R1)    | √ | √ | √ | √ | √                 |                                 |
|           | AT 9.xx 5-Rate A5S 560Z (5HP-30)                | √ | √ | √ | √ | √                 | 1. Delete fitness               |
|           | AT 7.32 M60B30                                  | √ | √ | √ | √ | √                 | 1. Delete fitness               |
|           | Elec. GS AT 8.60.0                              | √ | √ | √ | √ | √                 | 1. Delete fitness               |
|           | AT 8.51 M62                                     | √ | √ | √ | √ | √                 | 1. Delete fitness               |
|           | SMG Sequential M Gearbox                        | √ | √ | √ | N | √                 |                                 |
|           | AT 8.32 M EGS                                   | √ | √ | √ | √ | √                 | 1. Delete fitness               |
|           | AT 8.55 EGS                                     | √ | √ | √ | N | √                 |                                 |
| AT EGS 20 | √   | √ | √ | √ | √ | 1. Delete fitness |                                 |

|     |   |   |   |   |   |   |  |
|-----|---|---|---|---|---|---|--|
|     | EGS   | √ | √ | √ | N | √ |  |
|     | AT 9.22 M62/M73B54  | √ | √ | √ | √ | √ |  |
|     | AT 8.32 M52   | √ | √ | √ | √ | √ |  |
|     | AT 8.34 M43/M44/M52   | √ | √ | √ | √ | √ | 1. Delete fitness  |
|     | AT 8.70 M52   | √ | √ | √ | √ | √ | 1. Delete fitness  |
|     | AT 8.36 M52   | √ | √ | √ | √ | √ |  |
|     | Elec. GS AT 8.60.2 M62/M57 5-Rate auto. trans.<br>A5S440Z(5HP-24)   | √ | √ | √ | √ | √ | 1. Delete fitness  |
|     | EGS AT 8.60.3 M73/M67 5-Rate auto. Transmission<br>A5S560Z (5HP-30) | √ | √ | √ | √ | √ | 1. Delete fitness  |
|     | EGS AT 8.60.4   | √ | √ | √ | √ | √ |  |
|     | AT SMG  | √ | √ | √ | √ | √ | 1. Delete fitness  |
|     | SMG   | √ | √ | √ | √ | √ | 1.Works Before Hydraulic pressure system;<br>2.Works after Hydraulic pressure system |
|     | EGS GS20  | √ | √ | √ | √ | √ | 1. Delete fitness  |
| ABS | ABS uC  | √ | √ | √ | N | √ |  |
|     | ABS-PG  | √ | √ | √ | N | √ |  |
|     | ABS 1   | √ | √ | √ | N | √ |  |
|     | ABS   | √ | √ | √ | N | √ |  |
|     | BOSCH ABS 5   | √ | √ | √ | N | √ |  |
|     | TEVES ABS (MK IV G)   | √ | √ | √ | N | √ |  |
|     | ABS/DSC 2 M73   | √ | √ | √ | N | √ |  |
|     | ABS/ASC 5 M51   | √ | √ | √ | N | √ |  |
|     | ABS/ASC 5 M62   | √ | √ | √ | N | √ |  |

|                              |   |   |   |   |   |                |
|------------------------------|---|---|---|---|---|----------------|
| ABS/ASC 3 M73                | √ | √ | √ | N | √ |                |
| ABS/ASC 5 M60/M52            | √ | √ | √ | N | √ |                |
| ABS/ASC 3 M62                | √ | √ | √ | N | √ |                |
| ABS/ASC 5.7 M47,M52,M57,M62  | √ | √ | √ | N | √ |                |
| TEVESABS/ASC                 | √ | √ | √ | N | √ |                |
| ABS/ASC(4 Cylinders Engine)  | √ | √ | √ | N | √ |                |
| ITT (Terves) ABS MK 20-I/ERI | √ | √ | √ | N | √ |                |
| ABS/ASC M44(two-throttle)    | √ | √ | √ | N | √ |                |
| ABS/ASC MK20 for E46         | √ | √ | √ | √ | √ |                |
| ABS/ASC 5                    | √ | √ | √ | N | √ |                |
| ABS/ASC for E46              | √ | √ | √ | N | √ |                |
| ASC DSC 5.7, E53,E46/16      | √ | √ | √ | N | √ |                |
| ABS/DSC 5.7                  | √ | √ | √ | N | √ | 1.Maintenance  |
| DS MK20                      | √ | √ | √ | N | √ | 1. Maintenance |
| ABS /ASC/DSC MK60 Wheel-slip | √ | √ | √ | N | √ |                |
| TEVES ABS (MK IV/3)          | √ | √ | √ | N | √ |                |
| ARS                          | √ | √ | √ | N | √ |                |
| ABS/ASC/DSC MK60             | √ | √ | √ | √ | √ | 1. Maintenance |

|                          |  |   |   |   |   |   |               |
|--------------------------|--|---|---|---|---|---|---------------|
|                          | DSC  | √ | √ | √ | √ | √ |               |
| SRS                      | AB [ZAE]   | √ | √ | N | N | √ |               |
|                          | AB [BAE]   | √ | √ | N | N | √ |               |
|                          | AB [ZAE2]  | √ | √ | N | N | √ |               |
|                          | AB [MRS]   | √ | √ | N | N | √ |               |
|                          | AB [MRS2]  | √ | √ | N | N | √ |               |
|                          | AB [MRS3]  | √ | √ | N | N | √ |               |
|                          | AB [MRS4]  | √ | √ | N | N | √ |               |
|                          | Supplemental Restraint System ( Air-Bag) aWK4 027    | √ | √ | N | N | √ |               |
|                          | Supplemental Restraint System (Air-Bag) 5WK 060      |   |   |   |   |   |               |
| EAS                      | Electronic alarm system (EWS 2)                      | √ | √ | √ | N | √ |               |
|                          | Electronic alarm system (EWS 3)                      | √ | √ | √ | N | √ |               |
|                          | Electronic alarm system 3D                           | √ | √ | √ | N | √ |               |
|                          | Electronic alarm system 3                            | √ | √ | √ | N | √ |               |
| Central Body Electronics | Central Body Electronics universal module(BM/GM) III | √ | √ | √ | √ | √ |               |
|                          | Central Body Electronics universal module 5          | √ | √ | √ | √ | √ |               |
|                          | Central Body Electronics common body electronics BC1 | √ | √ | √ | N | √ |               |
|                          | Central Body Electronics universal module IV         | √ | √ | √ | √ | √ |               |
|                          | Central Body Electronics New design                  | √ | √ | √ | √ | √ |               |
|                          | GM Basic modules                                     | √ | √ | √ | √ | √ |               |
| KOM                      | IKE E38  | √ | √ | N | N | √ | 1 Maintenance |
|                          | KOMBI E39  | √ | √ | N | N | √ | 1 Maintenance |
|                          | KOMBI E46  | √ | √ | N | N | √ | 1 Maintenance |
|                          | KOMBI E36 CAN  | √ | √ | N | N | √ | 1 Maintenance |
|                          | Unkown   | √ | √ | N | N | √ | 1 Maintenance |

|                             |   |   |   |   |   |   |               |
|-----------------------------|---|---|---|---|---|---|---------------|
|                             | KOM E39 (comprehensive instrument)      | √ | √ | N | √ | √ | 1 Maintenance |
|                             | KOM E38 (comprehensive instrument)      | √ | √ | N | √ | √ | 1 Maintenance |
|                             | KOM E53 (comprehensive instrument)      | √ | √ | N | √ | √ | 1 Maintenance |
|                             | KOM E39 (IKE-AE)                        | √ | √ | N | √ | √ | 1 Maintenance |
|                             | E38 KOM                                 | √ | √ | N | √ | √ | 1 Maintenance |
|                             | E53 KOM                                 | √ | √ | N | √ | √ | 1 Maintenance |
|                             | KOM E39 (Basic)                         | √ | √ | N | √ | √ | 1 Maintenance |
|                             | KOM                                     | √ | √ | N | √ | √ | 1 Maintenance |
|                             | KOM Basis CAN                           | √ | √ | N | √ | √ | 1 Maintenance |
|                             | E36 KOM                                 | √ | √ | N | N | √ | 1 Maintenance |
|                             | KOMBI (Instrument Panel-AE)             | √ | √ | N | N | √ | 1 Maintenance |
|                             | KOMBI E32/E34 High                      | √ | √ | N | N | √ | 1 Maintenance |
|                             | KOMBI E34 Low                           | √ | √ | N | N | √ | 1 Maintenance |
|                             | KOMBI E36                               | √ | √ | N | N | √ | 1 Maintenance |
|                             | KOMBI E36 W/ Coding Plug                | √ | √ | N | N | √ | 1 Maintenance |
|                             | KOM                                     | √ | √ | √ | √ | √ |               |
| Height Control              | Uniaxial air suspension                 | √ | √ | N | N | √ |               |
|                             | Height control uniaxial air suspension  | √ | √ | √ | N | √ |               |
|                             | Electronic suspension control           | √ | √ | √ | N | √ |               |
| Electronic Throttle Control | Electronic Throttle Control M70         | √ | √ | √ | N | √ |               |
|                             | Electronic Throttle Control S70         | √ | √ | √ | N | √ |               |
|                             | Electronic Throttle Control M30         | √ | √ | √ | N | √ |               |
|                             | Electronic Throttle Control IIIS M73B54 | √ | √ | √ | N | √ |               |
| Automatic intermittence     | AIC                                     | √ | √ | N | N | √ |               |

|                             |                                    |   |   |   |   |   |  |
|-----------------------------|------------------------------------|---|---|---|---|---|--|
| control                     |                                    |   |   |   |   |   |  |
| Broadband vehicle monitor   | Broadband vehicle monitor          | √ | √ | N | N | √ |  |
| GR                          | GR (GR 2)                          | √ | √ | √ | N | √ |  |
|                             | GR                                 | √ | √ | √ | N | √ |  |
| Automatic Heater            | Automatic Heater E38               | √ | √ | √ | N | √ |  |
|                             | Automatic Heater E36               | √ | √ | √ | N | √ |  |
|                             | Automatic Heater E39               | √ | √ | √ | N | √ |  |
|                             | Automatic Heater E39               | √ | √ | N | N | √ |  |
|                             | Automatic Heater E46               | √ | √ | √ | N | √ |  |
|                             | Automatic Heater E52               | √ | √ | √ | N | √ |  |
|                             | Unknow                             | √ | √ | √ | N | √ |  |
|                             | Automatic Heater                   | √ | √ | √ | √ | √ |  |
|                             | Automatic Heater - AC              | √ | √ | √ | √ | √ |  |
|                             | Automatic Heater – Climate Control | √ | √ | √ | √ | √ |  |
|                             | Automatic Heater - Climate Control | √ | √ | √ | √ | √ |  |
|                             | Automatic Heater – AC Control      | √ | √ | √ | √ | √ |  |
|                             | Automatic Heater – AC Control E39  | √ | √ | √ | √ | √ |  |
|                             | Automatic Heater – AC Control      | √ | √ | √ | √ | √ |  |
|                             | Automatic Heater - AC              | √ | √ | √ | √ | √ |  |
|                             | IHKR E36                           | √ | √ | √ | N | √ |  |
|                             | IHKR E34                           | √ | √ | √ | N | √ |  |
|                             | Automatic Heater-AC Control        | √ | √ | √ | √ | √ |  |
| Automatic Heater-AC Control | √                                  | √ | √ | √ | √ |   |  |

|                         |   |   |   |   |   |   |                         |
|-------------------------|---|---|---|---|---|---|-------------------------|
| Steering angle sensor   | LEW Steering angle sensor                       | √ | √ | √ | N | √ |                         |
| LSC / LCM               | LSZ Lighting Switch Center                      | √ | √ | √ | √ | √ |                         |
|                         | LSZ2 Lighting Switch Center 2                   | √ | √ | √ | √ | √ |                         |
|                         | Lighting Check Module II (LCM II)               | √ | √ | √ | √ | √ |                         |
|                         | Lighting Check Module III (LCM III)             | √ | √ | √ | √ | √ |                         |
| PDC                     | Parking Distance Control System(PDC)            | √ | √ | √ | N | √ |                         |
|                         | Parking Distance Control System (PDC)           | √ | √ | √ | √ | √ |                         |
| RAD                     | RAD   | √ | √ | √ | √ | √ |                         |
|                         | RAD 2   | √ | √ | √ | √ | √ |                         |
| Memory steering columns | SPM/SM  | √ | √ | √ | N | √ |                         |
|                         | Seat Memory (SM/LSM) in memory steering columns | √ | √ | √ | √ | √ |                         |
|                         | SM/ turning mirror/seat back memory             | √ | √ | √ | √ | √ |                         |
|                         | SZM Central switch module                       | √ | √ | √ | N | √ |                         |
|                         | SZL Switch module steering columns              | √ | √ | √ | √ | √ |                         |
| BIT                     | Basic interface-telephone                       | √ | √ | √ | N | √ | 1.Manual Setting Cancel |
| VID                     | VM VID  | √ | √ | N | N | √ |                         |
| MFL                     | MFL   | N | N | √ | N | √ |                         |
| SES                     | SES   | √ | √ | N | N | √ |                         |
| CCS                     | CCS   | √ | √ | √ | N | √ |                         |
| MID                     | MID Multi-function Display                      | √ | √ | N | N | √ |                         |
| SHD                     | SHD Skylight Module                             | √ | √ | √ | N | √ |                         |
| SMF                     | SMF Driver's Seat Memory Module                 | √ | √ | √ | √ | √ |                         |
| Passenger-side rearview | SPMBT Passenger-side rearview mirror module     | √ | √ | √ | √ | √ |                         |

|                                    |   |   |   |   |   |   |                      |
|------------------------------------|---|---|---|---|---|---|----------------------|
| mirror module                      |   |   |   |   |   |   |                      |
| Driver-side rearview mirror module | SPMFT Driver-side rearview mirror module          | √ | √ | √ | √ | √ |                      |
| CAS                                | CAS Car Accessing System                          | √ | √ | √ | N | √ |                      |
|                                    | CAS Car Accessing System 2                        | √ | √ | √ | √ | √ |                      |
|                                    | CAS Car Accessing System 3                        | √ | √ | √ | N | √ |                      |
| DME                                | Digital Motor Electronics ME 9                    | √ | √ | √ | √ | √ | 1.Delete Fitness     |
| DME                                | Digital Motor Electronics M54                     | √ | √ | √ | √ | √ | 1.Delete Fitness     |
| DME                                | Digital Motor Electronics N46                     | √ | √ | √ | √ | √ | 1.Delete Fitness     |
| DME                                | Digital Motor Electronics & Engine Management ME9 | √ | √ | √ | √ | √ | 1.Delete Fitness     |
| AT                                 | AT GS1902   | √ | √ | √ | √ | √ | 1.Delete Fitness     |
| AT                                 | AT GS1904   | √ | √ | √ | √ | √ | 1.Delete Fitness     |
| AT                                 | AT GS1911   | √ | √ | √ | √ | √ |                      |
| Automatic suppression system       | Automatic suppression system Dynamic moving       | √ | √ | √ | N | √ |                      |
| CIM                                | Chassis integrated module                         | √ | √ | √ | √ | √ |                      |
| DSC                                | Dynamic stability control 5.7                     | √ | √ | √ | N | √ |                      |
| DSC                                | Dynamic stability control 8                       | √ | √ | √ | √ | √ |                      |
| DSC                                | DSC MK  | √ | √ | √ | √ | √ |                      |
| DWA                                | DWA (E63)   | √ | √ | √ | √ | √ | 1.Clear Alarm Memory |
| Height control                     | Uniaxial air suspension                           | √ | √ | √ | √ | √ |                      |

|                                      |                             |   |   |   |   |   |                      |
|--------------------------------------|-----------------------------|---|---|---|---|---|----------------------|
| EMF                                  | EMF                         | √ | √ | √ | √ | √ |                      |
| AMP                                  | AMP                         | √ | √ | √ | √ | √ |                      |
| AMP                                  | AMP (E63)                   | √ | √ | √ | √ | √ |                      |
| Audio system controller              | ASK Audio system controller | √ | √ | N | √ | √ |                      |
| Active steering                      | AL Actrive steering         | √ | √ | √ | √ | √ |                      |
| Headlight matching                   | AHL Headlight matching      | √ | √ | √ | √ | √ |                      |
| Control center/Central switch module | BZM Control center          | √ | √ | √ | N | √ |                      |
|                                      | SZM Central switch module   | √ | √ | √ | √ | √ |                      |
| Display Control                      | CD display control          | √ | √ | N | √ | √ |                      |
|                                      | M-ASK-BO User interface     | √ | √ | √ | √ | √ |                      |
|                                      | RAD2-BO User interface      | √ | √ | √ | √ | √ |                      |
| CD-GW                                | CD-GW                       | √ | √ | √ | √ | √ |                      |
|                                      | M-ASK-GW                    | √ | √ | √ | √ | √ |                      |
|                                      | RAD2-GW                     | √ | √ | √ | √ | √ |                      |
| Antenna controller                   | CCC-ANT Antenna controller  | √ | √ | √ | √ | √ |                      |
| CDC                                  | CDC CD Converter            | √ | √ | N | √ | √ |                      |
| Controller                           | CON Controller              | √ | √ | √ | N | √ |                      |
|                                      | CON Controller 2            | √ | √ | √ | N | √ |                      |
|                                      | CON Controller(E63)         | √ | √ | √ | √ |   |                      |
| CID                                  | CID                         | √ | √ | √ | √ | √ |                      |
| DWA                                  | DWA                         | √ | √ | √ | √ | √ | 1.Clear Alarm Memory |

|                                    |   |   |   |   |   |   |  |
|------------------------------------|---|---|---|---|---|---|--|
| AutomaticHeat<br>er                | Automatic heater/ AC                                | √ | √ | √ | √ | √ |  |
|                                    | Automatic heater/ integrated automatic heater/ AC   | √ | √ | √ | √ | √ |  |
|                                    | Automatic heater/ integrated automatic heater/ AC 2 | √ | √ | √ | √ | √ |  |
|                                    | Automatic heater/ climate control                   | √ | √ | √ | √ | √ |  |
| HKL                                | HKL   | √ | √ | √ | √ | √ |  |
| KOM                                | KOM   | √ | √ | √ | √ | √ |  |
|                                    | KOM   | √ | √ | √ | √ | √ |  |
|                                    | INSTR KOM   | √ | √ | √ | √ | √ |  |
| Basic body<br>systems              | KBM Basic body systems                              | √ | √ | √ | √ | √ |  |
| LM                                 | LM Lighting Module                                  | √ | √ | √ | √ | √ |  |
|                                    | LM2 Lighting Module 2                               | √ | √ | √ | √ | √ |  |
| NAV                                | NAV Navigation System                               | √ | √ | √ | √ | √ |  |
| PDC                                | PDC Parking Distance Control                        | √ | √ | √ | √ | √ |  |
|                                    | PDC Parking Distance Control 2                      | √ | √ | √ | √ | √ |  |
| PM/MPM                             | PM Power Module                                     | √ | √ | √ | √ | √ |  |
|                                    | MPM Micro-Power Module                              | √ | √ | √ | √ | √ |  |
| RLS                                | RLS Rainful/ light sensor                           | √ | √ | √ | N | √ |  |
| A left to<br>accelerate<br>sensor  | SASL A left to accelerate sensor                    | √ | √ | √ | N | √ |  |
| A right to<br>accelerate<br>sensor | SASR A right to accelerate sensor                   | √ | √ | √ | N | √ |  |
| B left to                          | SBSL B left to accelerate sensor                    | √ | √ | √ | N | √ |  |

|  |  |   |   |   |   |   |                   |
|--|--|---|---|---|---|---|-------------------|
| accelerate sensor                          |  |   |   |   |   |   |                   |
| B left to accelerate sensor                | SBSL B left to accelerat sensor2               | √ | √ | √ | N | √ |                   |
| B right to accelerate sensor               | SBSR B right to accelerate sensor              | √ | √ | √ | √ | √ |                   |
| B right to accelerate sensor               | SBSR B right to accelerate sensor 2            | √ | √ | √ | N | √ |                   |
| Central lateral vehicle accelerated sensor | SFZ Central lateral vehicle accelerated sensor | √ | √ | √ | N | √ |                   |
|  | SFZ Central lateral vehicle accelerated sensor | √ | √ | √ | N | √ |                   |
| Sliding sunroof modules                    | SHD Sliding sunroof modules                    | √ | √ | √ | N | √ | Delete Fault Code |
| Driver's side seat accelerated sensor      | SSFA Driver's side seat accelerated sensor     | √ | √ | √ | N | √ |                   |
| Backseat side accelerated sensor           | SSH Backseat side accelerated sensor           | √ | √ | √ | N | √ |                   |
| Speed up the left side door                | STVL Speed up the left side door sensor        | √ | √ | √ | N | √ |                   |

|  |  |   |   |   |   |   |  |
|--|--|---|---|---|---|---|--|
| sensor   |  |   |   |   |   |   |  |
| Speed up the right side door sensor            | STVR Speed up the right side door sensor           | √ | √ | √ | N | √ |  |
| Alarm/ tilt sensor                             | SINE Alarm/ tilt sensor                            | √ | √ | √ | N | √ |  |
| Driver's seat module                           | SMFA Driver's seat module                          | √ | √ | √ | N | √ |  |
| Passenger's seat module                        | SMBF Passenger's seat module                       | √ | √ | √ | N | √ |  |
| Language processing system                     | SVS Language processing system                     | √ | √ | √ | N | √ |  |
| Steering columns center for conversion         | SZL Steering columns centerfor conversion          | √ | √ | √ | √ | √ |  |
|  | SZL Steering columns center for conversion 2       | √ | √ | √ | √ | √ |  |
| Remote control unit for information processing | TCU Remote control unit for information processing | √ | √ | √ | N | √ |  |
| Passenger door control module                  | TMBFT Passenger door control module                | √ | √ | √ | N | √ |  |

|                                    |  |   |   |   |   |   |  |
|------------------------------------|--|---|---|---|---|---|--|
| Passenger side door control module | TMBFH Passenger side door control module | √ | √ | √ | N | √ |  |
| Driver door control module         | TMFAT Driver door control module         | √ | √ | √ | N | √ |  |
| Driver side door control module    | TMFAH Driver side door control module    | √ | √ | √ | N | √ |  |
| Video module                       | VM                                       | √ | √ | √ | √ | √ |  |
| WIM                                | WIM Wiper module                         | √ | √ | √ | N | √ |  |
| SGM-ZGM                            | ZGM Central gateway module               | √ | √ | N | N | √ |  |
| (SIM)                              | SIM Safety & Information Module          | √ | √ | √ | √ | √ |  |
| (SIM)                              | SGM-SIM                                  | √ | √ | √ | √ | √ |  |
| Electronic wiring box module       | JBE Electronic wiring box module         | √ | √ | √ | √ | √ |  |
| MRS                                | MRS 5                                    | √ | √ | √ | N | √ |  |
|                                    | MRS4R                                    | √ | √ | √ | N | √ |  |
| FRM                                | FRM Side steps driver space module       | √ | √ | √ | √ | √ |  |
| RLS                                | RLS Rainful/ sunlight sensor             | √ | √ | √ | N | √ |  |
| FZD                                | FZD Skylights functional control center  | √ | √ | √ | √ | √ |  |
| Driver's door module               | TMFA Driver's door module                | √ | √ | √ | √ | √ |  |

|        |                                    |   |   |   |   |   |        |
|--------|------------------------------------|---|---|---|---|---|--------|
| TMBF   | TMBF Passenger door module         | √ | √ | √ | √ | √ |        |
| VTG    | VTG Transmission Control           | √ | √ | √ | √ | √ |        |
| CID    | CID Central Information Display    | √ | √ | N | N | √ |        |
| CVM    | CVM Roof module variable           | √ | √ | √ | N | √ |        |
| RLS    | RLS Rainful/ light sensor          | √ | √ | √ | N | √ | Z4_E85 |
| EPS    | EPS Electron Power Swerve          | √ | √ | √ | N | √ |        |
| SBSL B | SBSL B left to accelerated sensor  | √ | √ | √ | N | √ | Z4_E85 |
| SBSR B | SBSR B right to accelerated sensor | √ | √ | √ | N | √ | Z4_E85 |
| SIM    | SIM Safety & Information Module    | √ | √ | N | N | √ |        |