

BMW® F SERIES DIAGNOSIS 2008–2015

Version: 2015.08 Date: Aug., 2015

AVAILABLE MODELS LIST

MODELS	CHASSIS TYPE
1-series	F20 / F21
2-series	F22 / F23 / F45
3-series	F30 / F31 / F34 / F35 / F80
4-series	F32 / F33 / F36
5-series	F07 / F10 / F11 / F18
6-series	F06 / F12 / F13
7-series	F01 / F02 / F03 / F04
X-series	F25(X3) / F26(X4) / F15(X5) / F16(X6)

* If the models are not listed here, users could select the related models.

* Coding funtions are available in iSCAN-II BMW® CODING and iSCAN-II BMW® SSS cartridge.

* Chassis type E-Series, please select BMW E-Series software. F-Series, please select BMW F-Series software.

1-SERIES, F20/F21 2011 - 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N13 / N20 / N55 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N47 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Specification

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	✓
Normalization, Longitudinal Seat Adjustment	✓
Delete Transport Mode	✓
Parking Brake	✓
IHKA/IHKR Service Functions	✓
Brake Bleed Routine	✓
Dynamic Drive (ARS system) Service Functions	✓
Electric steering-column adjustment	✓
Integrated Chassis control (ICM) sensor system adjustment	✓
Lane change warning (SWW) sensor system initial operation	✓
Solar Rain/Light Fogging Sensor Initialize	✓
Remote Control / Key	✓
Cas/Fem-KI15 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	✓
Vertical Dynamics Management	✓
Lock Air Bag	✓
Drive Belt Retractor	✓
Lights	✓

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

2-SERIES, F22,F23,F45 2011 - 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N57 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N47 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓		✓	
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	
Normalization, Longitudinal Seat Adjustment	
Delete Transport Mode	✓
Parking Brake	✓
IHKA/IHKA Service Functions	✓
Brake Bleed Routine	
Dynamic Drive (ARS system) Service Functions	
Electric steering-column adjustment	
Integrated Chassis control (ICM) sensor system adjustment	
Lane change warning (SWW) sensor system initial operation	
Solar Rain/Light Fogging Sensor Initialize	
Remote Control / Key	
Cas/Fem-K115 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	
Lock Air Bag	
Drive Belt Retractor	
Lights	

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

3-SERIES, F30/F31,F34,F35,F80 2011 - 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N57 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N47 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Specification

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	
Normalization, Longitudinal Seat Adjustment	✓
Delete Transport Mode	✓
Parking Brake	
IHKA/IHKR Service Functions	✓
Brake Bleed Routine	✓
Dynamic Drive (ARS system) Service Functions	
Electric steering-column adjustment	
Integrated Chassis control (ICM) sensor system adjustment	✓
Lane change warning (SWW) sensor system initial operation	✓
Solar Rain/Light Fogging Sensor Initialize	✓
Remote Control / Key	
Cas/Fem-K115 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	
Lock Air Bag	
Drive Belt Retractor	
Lights	✓

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

4-SERIES, F32,F33,F36 2011 - 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N57 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N47 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Specification

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	
Boot Lid Initialization	
Normalization, Longitudinal Seat Adjustment	
Delete Transport Mode	✓
Parking Brake	
IHKA/IHKA Service Functions	✓
Brake Bleed Routine	
Dynamic Drive (ARS system) Service Functions	
Electric steering-column adjustment	
Integrated Chassis control (ICM) sensor system adjustment	
Lane change warning (SWW) sensor system initial operation	
Solar Rain/Light Fogging Sensor Initialize	
Remote Control / Key	
Cas/Fem-K115 (de) Activation	
Rear-Axle Slip-Angle Control (HSR) Service Functions	
Lock Air Bag	
Drive Belt Retractor	
Lights	

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N20 / N53 / N55 / N63 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N47 / N57 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Specification

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
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IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	✓
Normalization, Longitudinal Seat Adjustment	✓
Delete Transport Mode	✓
Parking Brake	✓
IHKA/IHKR Service Functions	✓
Brake Bleed Routine	✓
Dynamic Drive (ARS system) Service Functions	✓
Electric steering-column adjustment	✓
Integrated Chassis control (ICM) sensor system adjustment	✓
Lane change warning (SWW) sensor system initial operation	✓
Solar Rain/Light Fogging Sensor Initialize	✓
Remote Control / Key	✓
Cas/Fem-KI15 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	✓
Vertical Dynamics Management	✓
Lock Air Bag	✓
Drive Belt Retractor	✓
Lights	✓
Injector rate adjustment	✓

Specification

Ride height adjustment(EHC)	✓
Steering angle adjustment	✓
Idle speed adjustment	✓

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

6-SERIES, F12 (Convertible) / F06 / F13 (Coupé) 2011 - 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N55 / N63 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N57 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Right	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Specification

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	✓
Normalization, Longitudinal Seat Adjustment	✓
Delete Transport Mode	✓
Parking Brake	✓
IHKA/IHKR Service Functions	✓
Brake Bleed Routine	✓
Dynamic Drive (ARS system) Service Functions	✓
Electric steering-column adjustment	✓
Integrated Chassis control (ICM) sensor system adjustment	✓
Lane change warning (SWW) sensor system initial operation	✓
Solar Rain/Light Fogging Sensor Initialize	✓
Remote Control / Key	✓
Cas/Fem-KI15 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	✓
Vertical Dynamics Management	✓
Lock Air Bag	✓
Drive Belt Retractor	✓
Lights	✓

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

7-SERIES, F01 / F02 (Long Wheel Base) / F03 (Protection) / F04 (ActiveHybrid) 2009 – 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N54 / N61 / N63/ N74 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N57 DieselEngine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			

Specification

EDCSVL Damper Satellite, Front Left	✓	✓	✓			
EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			

FZD Function Center, Roof	✓	✓	✓		Initialization	
HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE	✓	✓	✓			

Specification

Rear Seat Entertainment						
SEC Supplementary Control Unit	✓					
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TRSV All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	✓
Normalization, Longitudinal Seat Adjustment	✓
Delete Transport Mode	✓
Parking Brake	✓
IHKA/IHKR Service Functions	✓
Brake Bleed Routine	✓
Dynamic Drive (ARS system) Service Functions	✓
Electric steering-column adjustment	✓
Integrated Chassis control (ICM) sensor system adjustment	✓
Lane change warning (SWW) sensor system initial operation	✓
Solar Rain/Light Fogging Sensor Initialize	✓
Remote Control / Key	✓
Cas/Fem-KI15 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	✓
Vertical Dynamics Management	✓
Lock Air Bag	✓
Drive Belt Retractor	✓

Specification

Lights	✓
Injector rate adjustment	✓
Ride height adjustment(EHC)	✓
Idle speed adjustment	✓

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

X-SERIES, F25(X3),F15(X5) 2010 - 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N20 / N53 / N55 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N47 / N57 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Specification

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	✓
Normalization, Longitudinal Seat Adjustment	✓
Delete Transport Mode	✓
Parking Brake	✓
IHKA/IHKR Service Functions	✓
Brake Bleed Routine	✓
Dynamic Drive (ARS system) Service Functions	✓
Electric steering-column adjustment	✓
Integrated Chassis control (ICM) sensor system adjustment	✓
Lane change warning (SWW) sensor system initial operation	✓
Solar Rain/Light Fogging Sensor Initialize	✓
Remote Control / Key	✓
Cas/Fem-KI15 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	✓
Vertical Dynamics Management	✓
Lock Air Bag	✓
Drive Belt Retractor	✓
Lights	✓

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

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X-SERIES, F26(X4),F16(X6) 2014 - 2015

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for N20 / N53 / N55 Petrol Engine	✓	✓	✓	✓	✓	
DDE for N47 / N57 Diesel Engine	✓	✓	✓			
EGS Auto Transmission	✓	✓	✓	✓		
VTG Transfer Case	✓	✓	✓			
CAS Car Access	✓	✓	✓			
EKPS Fuel-pump	✓	✓	✓			
GWS Gear Selector Switch	✓	✓	✓			

DME adaptation, functions list: (Some functions are optional because of the default factory setting)

1: Idle speed control

2: Learning Valvetronic limit positions

CHASSIS

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	✓	✓	✓			
EHC Electronic Ride-Height Control	✓	✓	✓			
EMF Parking Brake	✓	✓	✓		Initialization	
AL/AFS Active Steering	✓	✓				
EDCSHL Damper Satellite, Rear Left	✓	✓	✓			
EDCSHR Damper Satellite, Rear Reft	✓	✓	✓			
EDCSVL Damper Satellite, Front Left	✓	✓	✓			

Specification

EDCSVR Damper Satellite, Front Right	✓	✓	✓			
ICM Integrated Chassis Control	✓	✓	✓			
RDC Tire Pressure Control	✓	✓	✓			
VDM Vertical Dynamics Management	✓	✓	✓			
EPS Electronic Power Steering	✓	✓	✓			
VDM Vehicle Dynamics Management	✓	✓	✓			

BODY

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module Multiple Restraint System Safety Information	✓	✓	✓			
KOMBI Instrument cluster	✓	✓	✓			
PDC Park Distance Control	✓	✓	✓			
SZL Switch Center	✓	✓				
HKL Rear-lid Lift	✓	✓			Initialization	
CID Central Information Display	✓	✓	✓			
CON Controller	✓	✓	✓			
FLA High Beam Assist	✓	✓	✓			
FRM Footwell Module	✓	✓	✓			
FZD Function Center, Roof	✓	✓	✓		Initialization	

HUD Head-up display	✓	✓	✓			
SZGM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module	✓	✓			Initialization	
RFK Reversing Camera	✓					
SMFA Seat Module, Driver	✓	✓	✓		Initialization	
SMBF Seat Module, Passenger	✓	✓	✓		Initialization	
TCU / ULF-SBX / CBX-MEDIA Telematic control unit Interface box	✓	✓	✓			
VSW Video Switch	✓	✓	✓			
EMALI Left Electric Motor Reel	✓	✓				
EMARE Right Electric Motor Reel	✓	✓	✓			
AHM Trailer Module	✓	✓	✓			
EME Electrical Machine Electronics	✓					
FCON Rear Compartment Controller	✓	✓	✓			
AMP Amplifier	✓	✓	✓			
HSR Rear-axle Slip Angle Control	✓	✓				
KAFAS Camera Based Driver Assist Systems	✓	✓	✓			
NVE Night Vision Electronics	✓	✓	✓			
RSE Rear Seat Entertainment	✓	✓	✓			
SEC	✓					

Specification

Supplementary Control Unit						
SMFAH Seat Module, Driver's Side Rear	✓	✓	✓		Initialization	
SMBFH Seat Module, Passenger's Side Rear	✓	✓	✓		Initialization	
SME Accumulator Management Electronics	✓					
SWW Lane Change Warning	✓	✓	✓			
TR SVC All Round View Camera	✓	✓	✓			
VM Video Module Management	✓	✓	✓			
ZGM Central Gateway Module	✓	✓	✓			
FD Rear Compartment Display	✓	✓	✓			
FD2 Rear Compartment Display 2	✓	✓	✓			
DVDC DVD Changer	✓	✓	✓			
ISPB Voice Recognition System	✓					
CBX-ECALL Combox emergency call	✓	✓	✓			
PMA Parking Assistant	✓	✓	✓			

INFORMATION AND COMMUNICATION

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CIC / CHAMP Car Information Headunit and Multimedia	✓	✓	✓			

AIR CONDITIONING

ECU	READ/CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	✓	✓	✓			
FKA Rear heater/air conditioning	✓	✓	✓			

EQUIPMENT FUNCTION SETUP

FUNCTION	ADAPTATION
Car window initialize	✓
Sliding / Tilting Sunroof Initialize	✓
Register Battery Change	✓
AFS Initialization / Adjustment	✓
Boot Lid Initialization	✓
Normalization, Longitudinal Seat Adjustment	✓
Delete Transport Mode	✓
Parking Brake	✓
IHKA/IHKR Service Functions	✓
Brake Bleed Routine	✓
Dynamic Drive (ARS system) Service Functions	✓
Electric steering-column adjustment	✓
Integrated Chassis control (ICM) sensor system adjustment	✓
Lane change warning (SWW) sensor system initial operation	✓
Solar Rain/Light Fogging Sensor Initialize	✓
Remote Control / Key	✓
Cas/Fem-KI15 (de) Activation	✓
Rear-Axle Slip-Angle Control (HSR) Service Functions	✓
Vertical Dynamics Management	✓
Lock Air Bag	✓
Drive Belt Retractor	✓
Lights	✓

CBS / SERVICE RESET

CONTROL FUNCTION	SERVICE RESET
Engine Oil	✓
Front Brakes	✓
Rear Brakes	✓
Brake Fluid	✓
Vehicle Check	✓

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