ARS 5 PRO Vers	51011, 2021					
VAILABLE MO	DELCLIST					
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	E81	V	v		V	(
	E82	✓	V		V	
anios	E87 E88	<i>V</i>	<i>V</i>		<i>V</i>	
eries	E30					
	E36		V		V	
	E46	V	V		V	
	E90 E91(Touring)	<i>V</i>	<u> </u>		<u>v</u>	
	E92(Coupé)		<u> </u>		<u> </u>	
eries	E93(Convertible) v	v		V	
	E28					
	E34 E39	· ·	<i>V</i>		<i>V</i>	
	E60	· ·	<u> </u>		<u> </u>	
eries	E61(Touring)	V	v		V	
	E63(Coupé)	V	<i>V</i>		<u>v</u>	
eries	E64(Convertible) 🗸	<i>V</i>		<i>V</i>	
	E38	V	<i>V</i>		v	
	E65	V	V		V	
prios	E66 E68	<i>V</i>	<i>V</i>		<i>V</i>	
eries eries	E68 E31	<i>V</i>	<i>V</i>		<u>v</u>	
	X1 - E84	V	<i>V</i>		V	
	X3 - E83	✓	V		V	
	X5 - E53 X5 - E70	<u> </u>	<u> </u>		v	
	X6 - E71	<u> </u>			<u>v</u>	
series	X6 - E72	V	V		V	
	Z3 - E36		V		V	
	Z4 - E85	V	✓		V	
	74 - F86	- /	./		./	
	Z4 - E86 Z4 - E89	<i>V</i>	<i>V</i>		<i>V</i>	
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EDIA MODENIA 3ACC HE REPERVISION MODENIA MODEN	Z4 - E89 Z8 - E52 ислены, пользователи могут : гупны в ВМW ® КОДИРОВА низация ЭБУ доступны в ПР те ВМW E-Series. Серия F, в ack) / E82 (Coupé) / E87 READ/CLEAR CODE	выбрать соотв НИЕ. ОГРАММИРО ыберите ВМW	ВАНИЕ ВМW ® . О серии F. K) / E88 (Convertible) 200 STATUS V V EAM CLEAR ADAPTION	ADAPTATION / SERVICE	V	NOTES
EDIA MOJENIA 3,200 HE REPETANTA MOJENIA MOJENI	Z4 - E89 Z8 - E52 ислены, пользователи могут : гупны в ВМW ® КОДИРОВА низация ЭБУ доступны в ПР- те ВМW E-Series. Серия F, в ack) / E82 (Coupé) / E87 READ/CLEAR CODE N54	Выбрать соотв .НИЕ. ОГРАММИРО ыберите ВМW	ВАНИЕ ВМW ® . О серии F. K) / E88 (Convertible) 200 STATUS V V EAM CLEAR ADAPTION	ADAPTATION / SERVICE	V	NOTES
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EDIA MODENIA 3ACC HE REPER PARTICIPA MODENIA MODENIA MODENIA METERS SERIES, ESI (Hatchbot Meters) Meters Me	Z4 - E89 Z8 - E52 ислены, пользователи могут : гупны в ВМW ® КОДИРОВА низация ЭБУ доступны в ПР- те ВМW E-Series. Серия F, в ack) / E82 (Coupé) / E87 READ/CLEAR CODE N54	Выбрать соотв .НИЕ. ОГРАММИРО ыберите ВМW	ВАНИЕ ВМW ® . О серии F. K) / E88 (Convertible) 200 STATUS V V EAM CLEAR ADAPTION	ADAPTATION / SERVICE	V	NOTES
EDIA MODENIA 3,000 HO REPORT EDIA MODENIA SERIES, EST (Hatchbattical Functions NCTION Reset F Regeneration el Injector Adaptation ske Pad Service tetry Service tetry Service e Pressure Sensor Service IVE SYSTEMS U IE 3 / N45 / N46 / N51 / N52 / 555 rol Engine E 7 / N47 selEngine S to Transmission VS ara Selector Switch PS el-Pump Control VA ti-Theft Alarm S	Z4 - E89 Z8 - E52 ислены, пользователи могут : гупны в ВМW ® КОДИРОВА низация ЭБУ доступны в ПР- те ВМW E-Series. Серия F, в ack) / E82 (Coupé) / E87 READ/CLEAR CODE N54	Выбрать соотв .НИЕ. OIPAMMIPO ыберите BMW // (Hatchbacl	ВАНИЕ ВМW ® . О серии F. K) / E88 (Convertible) 200 STATUS V V EAM CLEAR ADAPTION	ADAPTATION / SERVICE	V	NOTES
EDIA MODENIA 3,000 HO REPORT SERIES, ESI (Hatchb SERIES, ESI (Hatchb SERIES, ESI (Hatchb CITICAL STATE AND ADDRESS SERIES SERIES SERIES SERIES SERIES SERIES SERIES SERIES SERIES SERIES SERIES SERIES SE	Z4 - E89 Z8 - E52 ислены, пользователи могут гупны в ВМW ® КОДИРОВА низация ЭБУ доступны в ПР- те ВМW E-Series. Серия F, в ack) / E82 (Coupé) / E87 READ/CLEAR CODE N54	Выбрать соотв .НИЕ. ОГРАММИРС ыберите BMW / (Hatchbac)	ВАНИЕ ВМW ® . О серии F. K) / E88 (Convertible) 200 STATUS V V EAM CLEAR ADAPTION	ADAPTATION / SERVICE	V	NOTES
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EDIA MODENIA 3,000 HO REPORT POPURAMENTA DE LA COMPANIA DEL COMPANIA DE LA COMPANIA DE LA COMPANIA DEL COM	Z4 - E89 Z8 - E52 ислены, пользователи могут гуупны в ВМW ® КОДИРОВА низация ЭБУ доступны в ПР- те ВМW E-Series. Серия F, в ack) / E82 (Coupé) / E87 READ/CLEAR CODE N54	DATA STR	ВАНИЕ ВМW ® . О серии F. K) / E88 (Convertible) 200 STATUS V V EAM CLEAR ADAPTION	ADAPTATION / SERVICE	V	
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CO Adjustment				
Consumption Indicator				
Minimum Stroke Adjustment Injector rate adjustment				
Regeneration, nitrogen oxide cataly	vtic converter			
Replacement, nitrogen oxide cataly				
Bleeding coolant system				
VANOS test	777			
Diagnosis module for tank leakage		ecause of the default factory setting)		
Idle speed control	ome functions are optional be	ecause of the default factory setting)		
Injector rate adjustment				
Particulate filter				
Adaptations				
Balance test Exhaust-gas recirculation				
Starting fuel delivery				
Limitation delivery				
Injection rate				
fuel system bleeding				
Consumption calculation Read measured values				
	me functions are optional be	cause of the default factory setting)		
Reset learning functions				
CHASSIS	DE LD (CLE : D COV	D. T. CTDE IN C.	A DA DEL TION (CENTRAL	Nome
ECU DSC	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Dynamic Stability Control	V	V		
AL / AFS				
Active Steering RDC	<u> </u>	V	<i>V</i>	
Tire Pressure Control	v	V		
ACC / LRR				
Active Cruise Control Long-Range Sensor	v			
ARS				
Dynamic Drive	V	<i>V</i>		
EDC Damper Control	~	_		
LDM		•		
Longitudinal Dynamics				
Management BODY	<u> </u>	<u> </u>		
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SBSL				
SRS / Airbag, B-Pillar Left SBSR	<i>V</i>	<u> </u>		
SRS / Airbag, B-Pillar Right	V	V		
SFZ				
SRS / Airbag, Vehicle Center ACSM / MRS / SIM	<u> </u>	<i>V</i>		
Crash Safety Module / Safety				
Info KOMBI	<i>V</i>	<u> </u>		
Instrument cluster	v	,		
PDC				
Park Distance Control FZD	<i>V</i>	<u> </u>		
Function Center, Roof	V	V	V	
SMFA				
Seat Module, Driver SMBF	<i>V</i>	<i>V</i>		
Seat Module, Passenger	V	V		
SHD				
Sliding / Tilting Sunroof FRM / KBM / FRM2	<u> </u>	<u> </u>	<i>V</i>	
Footwell / Body Basic Module	V	V	V	
LM	,			
Light Module SZL	<u> </u>	<u> </u>		
Switch Center	V	V	Initialization	
SZM Control Contro	V	,		
Control Centre TMFA		<u> </u>		
Driver Door	v	V		
TMBF Passenger Door	V			
FLA	•			
High Beam Assist	v	V		
AHM Trailer Module	V	<u> </u>		
SINE		•		
Siren with Tilt Sensor	√	V		
AHM Trailer Module	V			
ALBFA	•			
Active Backrest Width, Driver	√	V		
ALBBF Active Backrest Width,				
Active Backrest Width, Passenger	V	V		
RLS				
Rain Sensor	<i>V</i>	V		

CVM / CTM Convertible Top	V	v			
FRM adaptation, functions list: (So	me functions are optional be	ecause of the default	factory setting)		
FRM short circuit reset INFORMATION AND COMMU	NICATION				
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM Safety and Gateway Module					
Junction-Box Electronics					
Body Gateway Module CDC	<u> </u>	<u> </u>			
CD Changer DVDC	<u> </u>				
DVDC DVD Changer	v				
CCC-ASK Audio System	V	V			
CCC-ANT		•			
Antenna Tuner CD / RAD / MBO / CCC-BO /	<u> </u>				
CHAMP-BO / M-ASK-BO					
Control Display / User Interface CD-GW / M-ASK-GW /	<u> </u>	<u> </u>			
RAD2GW / CCC-GW / CHAMP- GW					
Gateway	V	V			
CID Cnetral Information Display	V				
CON					
Controller TCU / ULF	<u> </u>	<i>V</i>			
Telephone Control Unit / Universal Bluetooth Hands-Free					
System	V	V			
AMP Amplifier	v	~			
CCC-A	,	,			
Applications HUD	<u> </u>	<u> </u>			
Head-up Display CA	<u> </u>	<u> </u>			
Comfort Access	v	✓			
DAB Digital Tuner	V				
KHM / KHI Headphones Module					
Headset Interface	V				
NVK Night Vision Camera	V				
NVE Night Vision Electronics	V	.,			
SHZH	<u> </u>	•			
Independent / Auxiliary Heater SVS	<u> </u>				
Language Processing System VM	<u> </u>				
Video Module	V	V			
MASK-NAV / CNAV / JNAV / KNAV					
Navigation System	v	v			
SDARS Satellite Tuner	V	V			
IBOC Digital Tuner US	V	V			
PM					
Power Module AIR CONDITIONING	<u> </u>	<u> </u>			
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR Regulated Heating and A/C	V	v		V	
3-series					
3-SERIES, E90 (SEDAN) / 1	E91 (Touring) / E92 (C	Coupé) / E93 (Co	oupé Cabriolet) 2006	5 – 2011	
Practical Functions FUNCTION			STATUS		
Oil Reset			V		
DPF Regeneration			<i>V</i>		
Fuel Injector Adaptation Brake Pad Service			<u> </u>		
Battery Service			<i>y</i>		
Immobilizer Service Tire Pressure Sensor Service			<u> </u>		
DRIVE SYSTEMS	DEAD/GVE AD SON	DATA COPE	CLEAD ADARMAN	AD ABT ATION CORPORATE	NOTEC
ECU DME		DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
N43 / N45 / N46 / N51 / N52 / N53 / N54 / N55 / S65					
Petrol Engine	V	V	v	v	
DDE N47 / N57 / M47 / M57					
DieselEngine EGS/SMG	V	V	V	V	
Transmission	V	V	V	V	
· · · · · · · · · · · · · · · · · · ·					

DKG				
Twin Clutch Gearbox GWS	<i>V</i>	<i>v v</i>	<i>V</i>	
Gws Gear Selector Switch	V	V		
EKPS Fuel-Pump Control	v	v.		
DWA	•			
Anti-Theft Alarm CAS	<u> </u>	<i>V</i>		
Car Access VTG	v	V	✓ (DME/DDE Sync)	
Transfer Case	V	V	V	
VTC1 Volvetronics 1	V			The sub-system of DME
VTC2				
Volvetronics 2 DME adaptation, functions list: (S	Some functions are optional b	because of the default factory setting)		The sub-system of DME
Idle speed control		, J		
Learning Valvetronic limit position CO Adjustment	ons			
Consumption Indicator				
Minimum Stroke Adjustment Injector rate adjustment				
Regeneration, nitrogen oxide cata				
Replacement, nitrogen oxide catal Bleeding coolant system	lytic converter			
VANOS test				
Diagnosis module for tank leakag		navga of the default feet		
Idle speed control	nic runctions are optional bec	eause of the default factory setting)		
Injector rate adjustment				
Particulate filter Adaptations				
Balance test				
Exhaust-gas recirculation Starting fuel delivery				
Limitation delivery				
Injection rate fuel system bleeding				
Consumption calculation				
Read measured values SCR system (USA only)				
	ome functions are optional be	ecause of the default factory setting)		
EGS adaptation, functions list: (So Reset learning functions	ome functions are optional be	ecause of the default factory setting)		
EGS adaptation, functions list: (Someone learning functions Oil change	ome functions are optional be	ecause of the default factory setting)		
EGS adaptation, functions list: (Some Reset learning functions Oil change DKG adaptation, functions list: DKG repair operation note	ome functions are optional be	ecause of the default factory setting)		
EGS adaptation, functions list: (So Reset learning functions Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation	ome functions are optional be	ecause of the default factory setting)		
EGS adaptation, functions list: (Some Reset learning functions) Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve	e	ecause of the default factory setting)		
EGS adaptation, functions list: (See Reset learning functions Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curvoil balancing (fluid balance comp	e	ecause of the default factory setting)		
EGS adaptation, functions list: (So Reset learning functions Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test	e	ecause of the default factory setting)		
EGS adaptation, functions list: (Son Reset learning functions) Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check	e vensation)		replacement in the new mechatronics	
EGS adaptation, functions list: (Son Reset learning functions) Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check	e vensation)	ecause of the default factory setting) isting mechatronics is read out and stored after	replacement in the new mechatronics	
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EGS adaptation, functions list: (Son Reset learning functions) Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC	e transmission data for the ex	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION		NOTES
EGS adaptation, functions list: (So Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control	e pensation) e transmission data for the ex	isting mechatronics is read out and stored after		NOTES
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EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR	e transmission data for the extense tran	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
EGS adaptation, functions list: (Son Reset learning functions) Oil change DikG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Clutch adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor	e transmission data for the extense tran	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS	e pensation) e transmission data for the extense of	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	NOTES
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EGS adaptation, functions list: (So Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control	e pensation) e transmission data for the extense of	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	NOTES
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics	READ/CLEAR CODE	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	NOTES
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Fransmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDD Damper LDD Damper Control LDD Damper Control LDD Damper Control LDD Damper LDD Damper Control LDD Damper Control	e pensation) e transmission data for the extense of	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	NOTES
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC DSC ACTY OUT flushing function CHASSIS ECU DSC ACTY OUT flushing function CHASSIS ECU DSC ACTY OUT flushing function CHASSIS ECU DSC DSC ACTY CONTROL ACTY OF THE PROPER OF THE PROPERTOR	READ/CLEAR CODE	isting mechatronics is read out and stored after DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	NOTES
EGS adaptation, functions list: (Son Reset learning functions) Oil change DikG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Clutch adaptation Clutch adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS	e pensation) e transmission data for the extension data for the ext	DATA STREAM CLEAR ADAPTION V V V V V V V V V V V V V	ADAPTATION / SERVICE	NOTES
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Parking lock hook test Parking lock function check Parking lock function check Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU SBSL	e pensation) e transmission data for the extension data for the ext	DATA STREAM CLEAR ADAPTION V V DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION V V V V V V V V V V V V V	ADAPTATION / SERVICE	
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right	e pensation) e transmission data for the extension data for the ext	DATA STREAM CLEAR ADAPTION V V DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control LONG-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU SBSR SSS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center	READ/CLEAR CODE V READ/CLEAR CODE V V READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION V V V DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	
EGS adaptation, functions list: (Sr Reset learning functions Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Clutch adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM	e transmission data for the ex READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION V V DATA STREAM CLEAR ADAPTION V V DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	
EGS adaptation, functions list: (Se Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC DSC DSC ACTY OUT flushing function CHASSIS ECU DSC Torre Pressure Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LOM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM/ MRS / SIM Crash Safety Module / Safety	e transmission data for the ex READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION V V DATA STREAM CLEAR ADAPTION V V DATA STREAM CLEAR ADAPTION V	ADAPTATION / SERVICE	
EGS adaptation, functions list: (So Reset learning functions Oil change Oil change DKG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance comp Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control LOng-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Module / Safety	e pensation) Petransmission data for the exitansmission d	DATA STREAM CLEAR ADAPTION V V DATA STREAM CLEAR ADAPTION V V V DATA STREAM CLEAR ADAPTION V V	ADAPTATION / SERVICE	
EGS adaptation, functions list: (Sr. Reset learning functions) Oil change DikG adaptation, functions list: DKG repair operation note Transmission adaptation Clutch adaptation Reset torque characteristic curve Parking lock hook test Parking lock hook test Parking lock function check Adjust the mechatronics data, The Carry out flushing function CHASSIS ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management EPS Electric Power Steering BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI	READ/CLEAR CODE V V READ/CLEAR CODE V V V V READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION V V V DATA STREAM CLEAR ADAPTION V V V V V V V V V V V V V	ADAPTATION / SERVICE	

FZD				
Function Center, Roof SMFA	<u> </u>	<u> </u>	<u> </u>	
Seat Module, Driver	<i>v</i>	v		
SMBF Seat Module, Passenger	,	~		
SHD Sliding / Tilting Sunroof				
FRM / KBM / FRM2				
Footwell / Body Basic Module LM	<u> </u>	<u> </u>	<i>'</i>	
Light Module	v	v		
SZL Switch Center	V	v	Initialization	
SZM Control Centre	.,			
TMFA	<u></u>	<u> </u>		
Driver Door TMBF	<u> </u>	<u> </u>	window initialization	
Passenger Door	<i>v</i>	v	window initialization	
FLA High Beam Assist	v	~		
AHM Trailer Module		4		
SINE	<u>v</u>	<u>v</u>		
Siren with Tilt Sensor AHM	<u> </u>	<u> </u>		
Trailer Module	v			
ALBFA Active Backrest Width, Driver	V	v		
ALBBF				
Active Backrest Width, Passenger	V	V		
RLS Rain Sensor	V	·		
CVM / CTM		•		
Convertible Top FRM adaptation, functions list: (So	me functions are optional be	cause of the default factory setting)		
FRM short circuit reset		enase of the defaute factory setting)		
INFORMATION AND COMMU ECU		DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM/JBE/KGM	READ/CEEAR CODE	DATA STREAM CEEAR ADAI HON	ADAI TATION/ SERVICE	ROTES
Safety and Gateway Module Junction-Box Electronics				
Body Gateway Module	V	V		
CDC CD Changer	v			
CD Changer DVDC	v			
CD Changer DVDC DVD Changer CCC-ASK	v			
CD Changer DVDC DVD Changer CCC-ASK Audio System	v v	v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner	v v v	V		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT	v v v	V		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface		v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-	v	v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW /	v	v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GW Gateway CID	ν	v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / GAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON	v v	v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller	ν	v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANF Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF Telephone Control Unit /	v v	v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON CONTOLER CONTOL	v v	v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP	v v v	v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A	v v v	v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GU Gateway CID Cnetral Information Display CON CONTOILE TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications	v v v	v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP AMP AMP AMP AMP Iffice CCC-A Applications HUD Head-up Display	v v v	v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD	v v v	v v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANF Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB		v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GW Gateway CID Cnetral Information Display CON CONTroller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI	v	v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module		v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface NVK		v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCUT/ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface		v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KIHM / KIH Headphones Module Headset Interface NVK Night Vision Camera NVE Night Vision Camera		v v v		
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface NVK Night Vision Camera NVE				
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCUT/ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface NVK Night Vision Camera NVE Night Vision Camera NVE Night Vision Electronics SHZH Independent / Auxiliary Heater SVS				
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GW Gateway CID Cnetral Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface NVK Night Vision Camera NVE Night Vision Electronics SHZH Independent / Auxiliary Heater SVS Language Processing System VM				
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface NVK Night Vision Camera NVE Night Vision Camera NVE Night Vision Electronics SHZH Independent / Auxiliary Heater SVS Language Processing System VM Video Module				
CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GW Gateway CID Cnetral Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface NVK Night Vision Camera NVE Night Vision Electronics SHZH Independent / Auxiliary Heater SVS Language Processing System VM				

SDARS Satellite Tuner	V	V			
IBOC Digital Tuner US	v	<u> </u>			
PM Power Module	V	V			
AIR CONDITIONING ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR Regulated Heating and A/C	v	V	CLEAR ADAI TION	V	NOTES
3-SERIES, E46 1999 - 2005				•	
Practical Functions FUNCTION			STATUS		
Oil Reset DPF Regeneration			<i>V</i>		
Fuel Injector Adaptation			V		
Brake Pad Service Battery Service					
Immobilizer Service Tire Pressure Sensor Service			<u> </u>		
DRIVE SYSTEMS ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME N40 / N42 / N45 / N46 / M43 /					
M52 / M54 / M56 / S54 Petrol Engine	~	,	V	V	
DDE M47 / M57					
DieselEngine EGS / AGS	V	V	V	V	✓ (SMG2 service
Auto Transmission EWS	~	v	~		functions)
Immobilizer	V	V		✓ (DME/DDE Sync)	
GR2 Cruise Control	v				
DME clear adaption / adaption, fur All adaption	nctions list: (Some functions	are optional because	of the default factory set	ting)	
Diagnosis module for tank leakage DME adaption, functions list: (Son		cause of the default fa	actory setting)		
Idle speed control Learning Valvetronic limit position			3,		
Minimum-stroke adjustment	15				
VANOS reset adaptation					
Smooth running measurement					
Fitted components	ne functions are optional bec	ause of the default fa	actory setting)		
Fitted components DDE adaption, functions list: (Son Idle speed control	ne functions are optional bec	ause of the default fa	actory setting)		
Fitted components DDE adaption, functions list: (Son idle speed control injector rate adjustment Balance test	ne functions are optional bec	ause of the default fa	actory setting)		
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation					
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation				tory setting)	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca	nly), functions list: (Some fu			tory setting)	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system	nly), functions list: (Some fu			tory setting)	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra	nly), functions list: (Some fu utions cylinder			tory setting)	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave	nly), functions list: (Some fu utions cylinder			tory setting)	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing actuator	nly), functions list: (Some fu utions e cylinder utlic unit			tory setting)	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing geat detection After replacing gear detection After replacing gengine, dual-mass Test functions	nly), functions list: (Some fu utions e cylinder utilic unit			tory setting)	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing actuator After replacing gear detection After replacing longitudinal accele After replacing engine, dual-mass i Test functions CHASSIS ECU	nly), functions list: (Some fu utions e cylinder utilic unit	nctions are optional	because of the default fac	tory setting) ADAPTATION / SERVICE	NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing gear detection After replacing gear detection After replacing generates of the service of the servi	nly), functions list: (Some functions cylinder fullic unit ration sensor flywheel (ZMS) READ/CLEAR CODE	nctions are optional DATA STREAM	because of the default fac		NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing actuator After replacing actuator After replacing gear detection After replacing gear detection After replacing engine, dual-mass: Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control RDC	nly), functions list: (Some functions c cylinder regular cylinder regular cylinder regular cylinder regular cylinder regular cylinder cyl	nctions are optional DATA STREAM	because of the default fac		NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing gear detection After replacing gear detection After replacing gear detection After replacing engine, dual-mass i Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio	nly), functions list: (Some functions explinder audic unit ration sensor flywheel (ZMS) READ/CLEAR CODE	nctions are optional DATA STREAM	because of the default fac		NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing gear detection After replacing gear detection After replacing longitudinal accele After replacing engine, dual-mass if Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio Calibration of DSC sensor	nly), functions list: (Some functions explinder audic unit ration sensor flywheel (ZMS) READ/CLEAR CODE	nctions are optional DATA STREAM	because of the default fac		NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing gente, clutch slave After replacing gente, clutch slave After replacing actuator After replacing gear detection After replacing gear detection After replacing gengine, dual-mass i Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio Calibratering-angle sensor 2).Rate of rotation sensor	nly), functions list: (Some functions explinder audic unit ration sensor flywheel (ZMS) READ/CLEAR CODE	nctions are optional DATA STREAM	because of the default fac		NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing gear detection After replacing gear detection After replacing gear detection After replacing gear detection After replacing engine, dual-mass i Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control Dynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio Calibration of DSC sensor (1).Steering-angle sensor (2).Rate of rotation sensor (3).Lateral acceleration sensor (4).Pressure sensors	nly), functions list: (Some functions explinder audic unit ration sensor flywheel (ZMS) READ/CLEAR CODE	nctions are optional DATA STREAM	because of the default fac		NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing gransmission, hydra After replacing gatuator After replacing gatuator After replacing gar detection After replacing gengine, dual-mass in Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control Dynamic Stability Control Calibration of DSC sensor 1). Steering-angle sensor (2). Rate of rotation sensor 3). Lateral acceleration sensor	nly), functions list: (Some functions c cylinder regular regu	DATA STREAM	because of the default fac CLEAR ADAPTION ing)	ADAPTATION / SERVICE	NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing gear detection After replacing gear detection After replacing gear detection After replacing longitudinal accele After replacing engine, dual-mass in Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio Calibration of DSC sensor 1).Steering-angle sensor (2).Rate of rotation sensor (3).Lateral acceleration sensor (4).Pressure sensors	nly), functions list: (Some functions explinder audic unit ration sensor flywheel (ZMS) READ/CLEAR CODE	DATA STREAM	because of the default fac CLEAR ADAPTION ing)		NOTES
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing gear detection After replacing gear detection After replacing gear detection After replacing gear detection After replacing engine, dual-mass if Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Bynamic Stability Control Bynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio Calibration of DSC sensor 1).Steering-angle sensor (2).Rate of rotation sensor (3).Lateral acceleration sensor (4).Pressure sensors (5).All sensors BODY ECU SRS Airbag	nly), functions list: (Some functions c cylinder regular regu	DATA STREAM	because of the default fac CLEAR ADAPTION ing)	ADAPTATION / SERVICE	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing gear detection After replacing gear detection After replacing longitudinal accele After replacing longitudinal accele After replacing engine, dual-mass: Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control Dynamic Stability Control Calibration of DSC sensor (1). Steering-angle sensor (2). Rate of rotation sensor (3). Lateral acceleration sensor (4). Pressure sensors (5). All sensors BODY ECU SRS Airbag IKE / IKI / KOMBI Instrument cluster	nly), functions list: (Some functions explinder audic unit ration sensor flywheel (ZMS) READ/CLEAR CODE which is a respective of the control of the cont	DATA STREAM DATA STREAM DATA STREAM	because of the default fac CLEAR ADAPTION ing)	ADAPTATION / SERVICE	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing elutch, clutch slave After replacing gent detection After replacing gear detection After replacing actuator After replacing gear detection After replacing engine, dual-mass Fest functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control Dynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio Calibration of DSC sensor 1).Steering-angle sensor (2).Rate of rotation sensor (3).Lateral acceleration sensor (4).Pressure sensors (5).All sensors BODY ECU SRS Airbag IKE / IKI / KOMBI Instrument cluster PDC Park Distance Control	nly), functions list: (Some functions c cylinder required in the cylinder required required required required required required required required	DATA STREAM V DATA STREAM DATA STREAM	because of the default fac CLEAR ADAPTION ing)	ADAPTATION / SERVICE	
Fitted components DDE adaption, functions list: (Son Idle speed control Injector rate adjustment Balance test Air-mass flow sensor adaptation Quantity mean-value adaptation SMG2 service functions (SMG2 or Check battery voltage Hydraulic System Operation Preca After replacing SMG2 control unit After working on hydraulic system After replacing clutch, clutch slave After replacing transmission, hydra After replacing gear detection After replacing gear detection After replacing gear detection After replacing engine, dual-mass i Test functions CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control Dynamic Stability Control RDC Tyre Pressure DSC, functions list: (Some functio Calibration of DSC sensor (1).Steering-angle sensor (2).Rate of rotation sensor (3).Lateral acceleration sensor (4).Pressure sensors (5).All sensors BODY ECU SRS Airbag IKE / IKI / KOMBI Instrument cluster PDC	nly), functions list: (Some functions explinder audic unit ration sensor flywheel (ZMS) READ/CLEAR CODE which is a coptional because of the coption of t	DATA STREAM V e default factory sett	because of the default fac CLEAR ADAPTION ing)	ADAPTATION / SERVICE	

ara t					
CVM Convertible Top	V	.,			
XENON, Left			-		
Left Xenon	v	V			
XENON, Right					
Right Xenon	V	V			
AIC / RLS					
Rain / Light Sensor	<u> </u>	<u> </u>		Initialization	
MFL					
Multi-functional Steering Wheel		V			
SHD					
Sunroof	V	V			
SM					
Seat Memory	✓	✓			
BSM		,			
Seat Memory, Passenger Side CCM		<i>V</i>	_		
Check Control		V			
check control		•			
FBZV					
Remote Control for Central Lock	(V			
LWS					
Steering Angle	INICATION	<u> </u>			
INFORMATION AND COMMU ECU		DATA CTDEAM	CLEAD ADADTION	ADAPTATION / SERVICE	NOTES
RAD	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Radio	v	V			
BIT					
Basis-Interface Telephone	V	V			
BMBT					
On-Board Monitor	✓				
DSP					
DSP-booster	<u> </u>				
MID Multi-Information Display	~				
Taiti-Information Dispray	•				
FID					
Rear Multi-Information Display	V				
IRIS					
Integrated Radio Information	✓				
NAV					
Navigation System NAV JAP	<u> </u>		_		
NAV JAF Navigation System, Japanese	v				
VIDEO GT	<u> </u>				
Video Module Graphics Part	✓				
VIDEO_TV / VID					
VIDEO_TV / VID Video Module, TV	V				
VIDEO_TV / VID Video Module, TV SES					
VIDEO_TV / VID Video Module, TV SES Voice Recognition	<i>v</i>				
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING	<i>y</i>	DATA CERTAM		ADAMS ATION (SEDNICS	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU		DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU	<i>y</i>	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB	READ/CLEAR CODE	V	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996	READ/CLEAR CODE	V	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions	READ/CLEAR CODE	V		ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996	READ/CLEAR CODE	V	CLEAR ADAPTION STATUS	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION	READ/CLEAR CODE	V	STATUS	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset	READ/CLEAR CODE	V	STATUS	ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU HKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration	READ/CLEAR CODE	V	STATUS	ADAPTATION / SERVICE	NOTES
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation	READ/CLEAR CODE	V	STATUS	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU HKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service	READ/CLEAR CODE	V	STATUS	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service	READ/CLEAR CODE	V	STATUS	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU HKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS	READ/CLEAR CODE V V	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU	READ/CLEAR CODE	v v	STATUS	ADAPTATION / SERVICE ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DFF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for	READ/CLEAR CODE V V	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 /	READ/CLEAR CODE V V	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50	READ/CLEAR CODE V V	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 /	READ/CLEAR CODE V READ/CLEAR CODE	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine	READ/CLEAR CODE V READ/CLEAR CODE	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fruel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS	READ/CLEAR CODE V READ/CLEAR CODE	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission	READ/CLEAR CODE V READ/CLEAR CODE	v v	STATUS		
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DFF Regeneration Fuel Injector Adaptation Brake Pad Service Immobilizer Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS	READ/CLEAR CODE V V READ/CLEAR CODE	v v	STATUS	ADAPTATION / SERVICE	
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer	READ/CLEAR CODE V V READ/CLEAR CODE V V V V	DATA STREAM	STATUS CLEAR ADAPTION	ADAPTATION / SERVICE V V (DME/DDE Sync)	
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fruel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS IMMEDIATE SERVICE DME clear adaption / adaption, fun	READ/CLEAR CODE V V READ/CLEAR CODE V V V V	DATA STREAM	STATUS CLEAR ADAPTION	ADAPTATION / SERVICE V V (DME/DDE Sync)	
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption	READ/CLEAR CODE V V READ/CLEAR CODE V V V v v v ctions list: (Some functions	DATA STREAM v v are optional because	STATUS CLEAR ADAPTION cof the default factory set	ADAPTATION / SERVICE V V (DME/DDE Sync)	
VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som	READ/CLEAR CODE V V READ/CLEAR CODE V V V v v v ctions list: (Some functions	DATA STREAM v v are optional because	STATUS CLEAR ADAPTION cof the default factory set	ADAPTATION / SERVICE V V (DME/DDE Sync)	
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU HKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control	READ/CLEAR CODE V V READ/CLEAR CODE V V V v v v ctions list: (Some functions	DATA STREAM v v are optional because	STATUS CLEAR ADAPTION cof the default factory set	ADAPTATION / SERVICE V V (DME/DDE Sync)	
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fruel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS	READ/CLEAR CODE V V READ/CLEAR CODE V v v v v ctions list: (Some functions are optional become	DATA STREAM	STATUS CLEAR ADAPTION CLEAR ADAPTION of the default factory set actory setting)	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Ire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS ECU CHASSIS ECU ECU DME clear adaption / functions list: (Som Idle speed control CHASSIS ECU	READ/CLEAR CODE V V READ/CLEAR CODE V v v v v ctions list: (Some functions are optional become	DATA STREAM	STATUS CLEAR ADAPTION CLEAR ADAPTION of the default factory set actory setting)	ADAPTATION / SERVICE V V (DME/DDE Sync)	
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS ECU ABS / ASC / DSC	READ/CLEAR CODE V V READ/CLEAR CODE V v v v v ctions list: (Some functions are optional become	DATA STREAM	STATUS CLEAR ADAPTION CLEAR ADAPTION of the default factory set actory setting)	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Ire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS ECU CHASSIS ECU ECU DME clear adaption / functions list: (Som Idle speed control CHASSIS ECU	READ/CLEAR CODE V V READ/CLEAR CODE V v v v v ctions list: (Some functions are optional become	DATA STREAM	STATUS CLEAR ADAPTION CLEAR ADAPTION of the default factory set actory setting)	ADAPTATION / SERVICE	NOTES
VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS ECU ABS / ASC / DSC Automatic Stability Control	READ/CLEAR CODE READ/CLEAR CODE retions list: (Some functions are optional because functions func	DATA STREAM	STATUS CLEAR ADAPTION CLEAR ADAPTION of the default factory set actory setting)	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control BODY ECU	READ/CLEAR CODE READ/CLEAR CODE retions list: (Some functions are optional because functions func	DATA STREAM	STATUS CLEAR ADAPTION c of the default factory set actory setting) CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS ECU ABS / ASC / DSC Automatic Stability Control BODY ECU SRS	READ/CLEAR CODE READ/CLEAR CODE READ/CLEAR CODE READ/CLEAR CODE READ/CLEAR CODE	DATA STREAM	STATUS CLEAR ADAPTION cof the default factory set actory setting) CLEAR ADAPTION	ADAPTATION / SERVICE V V (DME/DDE Syne) ting) ADAPTATION / SERVICE	NOTES
VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower 3-SERIES, E36 1988 – 1996 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M40 / M42 / M43 / M44 / M50 / M52 / S50 Petrol Engine DDE for M41 / M51 DieselEngine EGS Auto Transmission EWS Immobilizer DME clear adaption / adaption, fun All adaption DDE adaption, functions list: (Som Idle speed control CHASSIS ECU ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control BODY ECU	READ/CLEAR CODE READ/CLEAR CODE READ/CLEAR CODE READ/CLEAR CODE READ/CLEAR CODE	DATA STREAM	STATUS CLEAR ADAPTION cof the default factory set actory setting) CLEAR ADAPTION	ADAPTATION / SERVICE V V (DME/DDE Syne) ting) ADAPTATION / SERVICE	NOTES

HZE / HZZ / LZOMBY					
IKE / IKI / KOMBI Instrument cluster	,	~			
ZKE	•	•			
Central Body System	✓	V			
CVM					
Convertible Top PDC	<u> </u>	<u> </u>			
Park Distance	v	v			
LWS					
Steering Angle	/ INICATION				
INFORMATION AND COMMU ECU		DATA STDEAM	CI FAD ADADTION	ADAPTATION / SERVICE	NOTES
RAD	READ/CLEAR CODE	DATA STREAM	CLEAR ADAI TION	ADAI TATION/ SERVICE	NOTES
Radio	v	V			
BMBT					
On-Board Monitor MID	<i>V</i>				
Multi-Information Display	~				
IRIS					
Integrated Radio Information	✓				
AIR CONDITIONING	DEAD/CLEAD CODE	DATA CEDEAM	CLEAD ADABTION	ADARTATION / CEDUICE	NOTES
ECU IHKA/IHKR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Regulated Heating and A/C	✓	~			
3-SERIES, E30 ~1994					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			V		
DPF Regeneration					
Fuel Injector Adaptation Brake Pad Service					
Battery Service					
Immobilizer Service			V		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME Petrol Engine	V	,	~		
	•	•			
5-series			-		
5-SERIES, E60 (SEDAN) /	E61 (STATION WAG	SON) 2002 – 200	9		
Practical Functions FUNCTION			STATUS		
Oil Reset			V STATUS		
DPF Regeneration			v		
Fuel Injector Adaptation					
ruci injector Adaptation			✓		
Brake Pad Service					
Brake Pad Service Battery Service			V		
Brake Pad Service Battery Service Immobilizer Service					
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service			V		
Brake Pad Service Battery Service Immobilizer Service	READ/CLEAR CODE	DATA STREAM	v v	ADAPTATION / SERVICE	NOTES
Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME	READ/CLEAR CODE	DATA STREAM	v v	ADAPTATION / SERVICE	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 /	READ/CLEAR CODE	DATA STREAM	v v	ADAPTATION / SERVICE	NOTES
Brake Pad Service Battery Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME	READ/CLEAR CODE	DATA STREAM	v v	ADAPTATION / SERVICE	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE			CLEAR ADAPTION		NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47			CLEAR ADAPTION		NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine			CLEAR ADAPTION		NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47			CLEAR ADAPTION		NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS			CLEAR ADAPTION	v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch			CLEAR ADAPTION	v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS	v v v		CLEAR ADAPTION	v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch			CLEAR ADAPTION	v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Iransmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm	v v v		CLEAR ADAPTION	v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS	v v v		CLEAR ADAPTION	v v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access	v v v		CLEAR ADAPTION	v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS	v v v		CLEAR ADAPTION	v v v	NOTES
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTCI	v v v v v v v v v v v v v v v v v v v		CLEAR ADAPTION	✓ ✓ ✓ (DME/DDE Sync)	
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CCAS Car Access VTG Transfer Case VTCI Volvetronics 1	v v v		CLEAR ADAPTION	✓ ✓ ✓ (DME/DDE Sync)	NOTES The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTC1 Volvetronics 1 VTC2	v v v v v v v v v v v v v v v v v v v		CLEAR ADAPTION	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CCAS Car Access VTG Transfer Case VTCI Volvetronics 1	v v v v v v v v v v	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTCI Transfer Case VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sidle speed control	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECG/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTC1 Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sillel speed control Learning Valvetronic limit position	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECG/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (S) Idle speed control Learning Valvetronic limit position CO Adjustment	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Iransmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTG Transfer Case VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (S: Idle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Remove Valvetronic servomotor	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTG Transfer Case VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (S: Idle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTC Transfer Case VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (S Idle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Remove Valvetronic servomotor Injector rate adjustment Regeneration, nitrogen oxide catal Replacement, nitrogen oxide catal Replacement, nitrogen oxide catal Replacement, nitrogen oxide catal Replacement, nitrogen oxide catal	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTG Transfer Case VTG Uvletronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Remove Valvetronic servomotor Injector rate adjustment Regeneration, nitrogen oxide catals Regeneration, nitrogen oxide catals Bleeding coolant system	v v v v v ome functions are optional b	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Iransfer Case VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Remove Valvetronic servomotor Injector rate adjustment Regeneration, nitrogen oxide catal' Replacement, nitrogen oxide catal'	www.www.www.www.www.www.www.www.www.ww	v v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine EGS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Transfer Case VTC1 Volvetronics 1 VTC2 Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Remove Valvetronic servomotor Injector rate adjustment Regeneration, nitrogen oxide catal Replacement, nitrogen oxide catal	w w w w w w w w w w w w w w w w w w w	v v v v v ecause of the default	CLEAR ADAPTION V If factory setting)	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME
Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85 Petrol Engine DDE M47 / M57 / N47 DieselEngine ECS/SMG Transmission GWS Gear Selector Switch EKPS Fuel-Pump Control DWA Anti-Theft Alarm CAS Car Access VTG Iransfer Case VTCI Volvetronics 1 VTC2 Volvetronics 2 DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Remove Valvetronic servomotor Injector rate adjustment Regeneration, nitrogen oxide catal' Replacement, nitrogen oxide catal'	w w w w w w w w w w w w w w w w w w w	v v v v v ecause of the default	CLEAR ADAPTION V If factory setting)	✓ ✓ ✓ (DME/DDE Sync)	The sub-system of DME

Injector rate adjustment				
Particulate filter Adaptations				
Balance test				
Exhaust-gas recirculation				
Starting fuel delivery Limitation delivery				
Injection rate				
fuel system bleeding Consumption calculation				
Read measured values	6 (11			
Reset learning functions	ne functions are optional be	cause of the default factory setting)		
CHASSIS	DEAD/CLEAD CODE	DATA CERTAIN CLEAR ADARTION	ADADTATION / CEDVICE	NOTEC
ECU DSC	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Dynamic Stability Control AL / AFS	<u> </u>	<u> </u>	<u> </u>	
Active Steering	v	V	V	
RDC Tire Pressure Control	V	V		
ACC / LRR Active Cruise Control				
Long-Range Sensor	v			
ARS Dynamic Drive	V	V		
EDC Damper Control	V	·		
LDM				
Longitudinal Dynamics Management	V	v		
EHC Electronic Ride Height Control				
system	V	V	V	Ride level adjustment
BODY ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SBSL			ABIN TATION, SERVICE	HOTES
SRS / Airbag, B-Pillar Left SBSR	<u> </u>	<u> </u>		
SRS / Airbag, B-Pillar Right SFZ	<u> </u>	<u>v</u>		
SRS / Airbag, Vehicle Center ACSM / MRS / SIM	<i>v</i>	<u> </u>		
Crash Safety Module / Safety				
Info KOMBI	<u> </u>			
Instrument cluster PDC	<u> </u>	<u> </u>		
Park Distance Control FZD	<u> </u>	V		
Function Center, Roof	V	V	V	
SMFA Seat Module, Driver	V	V		
SMBF Seat Module, Passenger	V	<u> </u>		
SHD Sliding / Tilting Sunroof	V	V	V	
FRM / KBM				
Footwell / Body Basic Module LM				
Light Module SZL	<u> </u>	V		
Switch Center SZM	<i>v</i>	<u> </u>	Initialization	
Control Centre	V	V		
TMFA Driver Door	V	V		
TMBF Passenger Door	V	V		
FLA				
High Beam Assist AHM	<u> </u>	<u> </u>		
Trailer Module SINE	<u> </u>	<u> </u>		
Siren with Tilt Sensor AHM	<u> </u>	<u>v</u>		
Trailer Module	<i>v</i>			
ALBFA Active Backrest Width, Driver	V	V		
ALBBF Active Backrest Width,				
Passenger RLS	<u> </u>	<u>v</u>		
Rain Sensor CVM / CTM	V	<u> </u>		
Convertible Top	<i>v</i>	<i>v</i>		
INFORMATION AND COMMU ECU	NICATION READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM Safety and Gateway Module				
Junction-Box Electronics				
Body Gateway Module	✓	V		

CDC CD CI				
CD Changer DVDC	<u> </u>			
DVD Changer CCC-ASK	<u> </u>			
Audio System CCC-ANT	V	V		
Antenna Tuner	V			
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO				
Control Display / User Interface CD-GW / M-ASK-GW /	<i>V</i>	<u> </u>		
RAD2GW / CCC-GW / CHAMP	<u>.</u>			
GW Gateway	v	_		
CID Cnetral Information Display	V	,		
CON	•			
Controller TCU/ULF	<u> </u>	· · · · · · · · · · · · · · · · · · ·		
Telephone Control Unit /				
Universal Bluetooth Hands-Free System	V	V		
AMP Amplifier	<u> </u>			
CCC-A				
Applications HUD	<i>V</i>			
Head-up Display CA	<i>V</i>	V		
Comfort Access	v	V		
DAB Digital Tuner	v			
KHM / KHI Headphones Module				
Headset Interface	V			
NVK Night Vision Camera	V			
NVE Night Vision Electronics	V	v		
SHZH				
Independent / Auxiliary Heater SVS	<u> </u>			
Language Processing System	V			
VM Video Module	V	V		
MASK-NAV / CNAV / JNAV / KNAV				
Navigation System	✓	V		
SDARS Satellite Tuner	V	V		
IBOC Digital Tuner US	V	V		
PM				
Power Module AIR CONDITIONING	<i>V</i>	<u>/</u>		
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR Regulated Heating and A/C	V	V	V	
5-SERIES, E39 1995 – 2003	3			
Practical Functions FUNCTION		STATUS		
Oil Reset		V		
DPF Regeneration Fuel Injector Adaptation				
Brake Pad Service Battery Service				
Immobilizer Service		V		
Tire Pressure Sensor Service DRIVE SYSTEMS				
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for M52 / M54 / M62 / S62				
Petrol Engine DDE for M47 / M51 / M57	<u> </u>	<u> </u>	V	
DieselEngine	V	<i>y</i>	V	
EGS / AGS Auto Transmission	V			
EWS	v	v	(DME/DDE Syma)	
Immobilizer GR2			✓ (DME/DDE Sync)	
Cruise Control DME clear adaption / adaption fur	ctions list: (Some functions	are optional because of the default factory set	ting)	
All adaption				
Diagnosis module for tank leakage DDE adaption, functions list: (Som		ause of the default factory setting)		
Idle speed control	and optional occ	Je me detect of soung)		
CHASSIS ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC				
Automatic Stability Control Dynamic Stability Control	V	V	V	

EHC Electronic Ride-Height Control	V	V	v	
RDC Tyre Pressure	v	·		
DSC, functions list: (Some function		e default factory setting)		
DSC hydraulics bleeding Calibration of DSC sensor				
(1).Steering-angle sensor (2).Rate of rotation sensor				
(3).Lateral acceleration sensor				
EHC, functions list: (Some function Transport mode	ns are optional because of th	e default factory setting)		
(1). Transport mode inquiry				
(2). Delete transport mode				
BODY ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADADTATION / SEDVICE	NOTES
SRS			ADAITATION/SERVICE	NOTES
Airbag IKE / IKI / KOMBI	<u> </u>	<u> </u>		
Instrument cluster PDC	<u> </u>	<u>v</u>		
Park Distance Control LCM / LSZ	<u> </u>	<i>v</i>		
Light Check Module	v	v		
ZKE Central Body System	V	V		
SZM Switching Center	V	V		
XENON, Left Left Xenon	V	V		
XENON, Right Right Xenon	<u>, </u>	4		
AIC / RLS			TWP 2	
Rain / Light Sensor	<u> </u>	V	Initialization	
MFL Multi-functional Steering Wheel		v		
SHD Sunroof	V	V		
SM Seat Memory	V	V		
BSM Seat Memory, Passenger Side	<u> </u>	<u> </u>		
ССМ				
Check Control		<u> </u>		
FBZV Remote Control for Central Lock	ζ.	V		
HKM Trunk Lid Module		V		
SBE2 Seat Occupation Detection		<u> </u>		
SPMBT				
Mirror Memory, Passenter Side SPMFT		<u>v</u>		
Mirror Memory, Driver Side		V		
STH Additional Heater		v		
LWS Steering Angle		V		
ELV Electric Steering		<u> </u>		
LRA	,			
Headlight Vertical Aim Control INFORMATION AND COMMU	NICATION	<u> </u>		
ECU RAD	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Radio BIT	<u> </u>	<u>v</u>		
Basis-Interface Telephone	v	<u> </u>		
On-Board Monitor	V			
DSP DSP-booster	V			
MID Multi-Information Display	V			
FID				
Rear Multi-Information Display IRIS	V			
Integrated Radio Information NAV	V			
Navigation System	V			
NAV JAP Navigation System, Japanese	V			
VIDEO_GT Video Module Graphics Part	v			
VIDEO_TV / VID Video Module, TV	V			
SES Voice Recognition	v			
voice Recognition				

AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR Regulated Heating and A/C	v	V			
FGB					
Rear Compartment Blower		<i>V</i>			
5-SERIES, E34 1988 – 1996 Practical Functions					
FUNCTION			STATUS		
Oil Reset			V		
DPF Regeneration					
Fuel Injector Adaptation Brake Pad Service					
Battery Service					
Immobilizer Service			v		
Tire Pressure Sensor Service					
DRIVE SYSTEMS ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for	READ/CEE/IR CODE	Dittitigitte	CELITIC RIDIU TION	ABAT PATION, SERVICE	NOTES
M20 / M30 / M40 / M43 / M50 / S38					
Petrol Engine	v	~	v	V	
DDE for M21 / M51					
DieselEngine EGS	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Auto Transmission	v	v	V		
EWS Immobilizar				A(DME/DDF C)	
Immobilizer DME clear adaption / adaption, fun	ctions list: (Some functions	are optional because	of the default factory sett	✓ (DME/DDE Sync) ing)	
All adaption	The total (come renetions		and definant fuctory sen		
DDE adaption, functions list: (Som	e functions are optional bec	ause of the default fa	ctory setting)		
Idle speed control					
CHASSIS ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC		- Carana			
Automatic Stability Control					
Dynamic Stability Control AHK	<u> </u>	<u> </u>			
Active Rear Axle	✓	V			
BODY ECU	READ/CLEAR CODE	DATA CTDEAM	CLEAD ADARTION	ADAPTATION / SERVICE	NOTES
SRS	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Airbag	v	v			
IKE / IKI / KOMBI Instrument cluster	~	V			
ZKE	•	•			
Central Body System	V	v			
EKM Electric Body Module	v				
LCM / LM					
Light Check Module	NICATION	<i>V</i>			
INFORMATION AND COMMU ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
MID / ZIS		Z GIADAM	LLAN III II III		110 TEU
Multi-Information Display	v				
AIR CONDITIONING ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR	THE COPE	DATAGIKEAWI	CEETIN ADAI 110N		110120
Regulated Heating and A/C	<u> </u>	V			
5-SERIES, E28 ~1988					
Practical Functions FUNCTION			STATUS		
Oil Reset			2111105		
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service Battery Service					
Immobilizer Service					
Tire Pressure Sensor Service					
DRIVE SYSTEMS	DEAD/CLEAD CODE	DATA CTREAM	CI EAD ADARTION	ADADTATION / SEDVICE	NOTEC
ECU DME for	READ/CLEAR CUDE	DATASIKEAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
M20 / M30 / S38					
Petrol Engine	<u> </u>	<u> </u>	<u> </u>		
6-series					
6-SERIES, E63 (Coupé) / E	64 (Cabriolet) 2003 – 1	2010			
Practical Functions FUNCTION			STATUS		
Oil Reset			V STATUS		
DPF Regeneration			v		
Fuel Injector Adaptation			V		
Brake Pad Service			,		
Battery Service Immobilizer Service			<i>V</i>		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES

DME N52 / N53 / N62 / N85					
Petrol Engine DDE	<u> </u>	✓	<u> </u>	<u> </u>	
M57 DieselEngine					
EGS/SMG	•		•		
Transmission GWS	<u> </u>	<u> </u>	<u> </u>	<u>/</u>	
Gear Selector Switch EKPS	<i>V</i>	V			
Fuel-Pump Control DWA	v	V			
Anti-Theft Alarm	v	V			
CAS Car Access	v	V		✓ (DME/DDE Sync)	
VTG Transfer Case	V	V			
VTC1 Volvetronics 1					The sub-system of DME
VTC2			•		
Volvetronics 2 Адаптация DME, список функци	✓ й: (Некоторые функции я	зляются необязател	ьными из-за заводских і	настроек по умолчанию)	The sub-system of DME
Управление скоростью холостого Learning Valvetronic limit position					
CO Adjustment-Корректировка С	0	положении клапано	18		
Consumption Indicator-Индикатор Minimum Stroke Adjustment-Мин		ла			
Remove Valvetronic servomotor-C	нять сервомотор Valvetron				
Injector rate adjustment-Регулиров Regeneration, nitrogen oxide cataly		каталитический не	йтрализатор оксида азот	га	
Replacement, nitrogen oxide cataly	tic converter-Замена катал	итического нейтрал			
Bleeding coolant system-Система VANOS test	подачи охлаждающей жид	(кости			
Diagnosis module for tank leakage DDE adaptation, functions list: (So		ecause of the default	factory setting)		
Idle speed control	me functions are optional of	ecause of the default	factory setting)		
Injector rate adjustment Particulate filter					
Adaptations					
Balance test Exhaust-gas recirculation					
EGS adaptation, functions list: (So	me functions are optional be	ecause of the default	factory setting)		
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ECU DSC Dynamic Stability Control	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering		DATA STREAM	CLEAR ADAPTION		NOTES
ECU DSC Dynamic Stability Control AL / AFS		v	CLEAR ADAPTION	<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR	<i>y</i>	<i>v</i>	CLEAR ADAPTION	<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor	<i>y</i>	<i>v</i>	CLEAR ADAPTION	<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive	v v	<i>v</i>	CLEAR ADAPTION	<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS	v v v	v v	CLEAR ADAPTION	<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM	v v v	v v	CLEAR ADAPTION	<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management	v v v	v v	CLEAR ADAPTION	<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LOM Longitudinal Dynamics	v v v	v v v		<u> </u>	NOTES
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL	v v v v r r READ/CLEAR CODE	v v v		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR	v v v v r READ/CLEAR CODE	V V V DATA STREAM		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ	v v v v v r READ/CLEAR CODE	v v v v DATA STREAM v		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM	v v v v r READ/CLEAR CODE	V V V DATA STREAM		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center	v v v v v r READ/CLEAR CODE	v v v v DATA STREAM v		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SRS/ Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI	v v v v v READ/CLEAR CODE v v	V V V DATA STREAM V V		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Webicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC	v v v v v r READ/CLEAR CODE v v v	V V V DATA STREAM V V V		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD	v v v v r READ/CLEAR CODE v v v	V V V DATA STREAM V V V V		ADAPTATION / SERVICE	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD Function Center, Roof	v v v v v r READ/CLEAR CODE v v v	V V V DATA STREAM V V V		v v	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD Function Center, Roof SMFA Seat Module, Driver	v v v v r READ/CLEAR CODE v v v	V V V DATA STREAM V V V V		ADAPTATION / SERVICE	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD FUD FUD FUD FUD FUD FUD FUD SMFA Seat Module, Driver SMBF Seat Module, Passenger	v v v v v r READ/CLEAR CODE v v v v	V V V DATA STREAM V V V V V V V V V V V V V V V V V V V		ADAPTATION / SERVICE	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD Function Center, Roof SMFA Seat Module, Driver SMBF	v v v v v r r READ/CLEAR CODE v v v v v v v v v v v v	V V V DATA STREAM V V V V V V V V V V V V V V V V V V V		ADAPTATION / SERVICE	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD Function Center, Roof SMFA Seat Module, Driver SMBF Seat Module, Passenger SHD Sliding / Tilting Sunroof FRM / KBM	v v v v v r r r r r r r r r r r r r r r	V V V DATA STREAM V V V V V V V V V V V V V V V V V V V		ADAPTATION / SERVICE	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Vehicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD Function Center, Roof SMFA Seat Module, Driver SMBF Seat Module, Passenger SHD Sliding / Tilting Sunroof FRM / KBM Footwell / Body Basic Module LM	v v v v v r READ/CLEAR CODE v v v v v v v v v v v v v v v v v v v	V V V DATA STREAM V V V V V V V V V V V V V V V V V V V		ADAPTATION / SERVICE	
ECU DSC Dynamic Stability Control AL / AFS Active Steering RDC Tire Pressure Control ACC / LRR Active Cruise Control Long-Range Sensor ARS Dynamic Drive EDC Damper Control LDM Longitudinal Dynamics Management BODY ECU SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SFZ SRS / Airbag, Chicle Center ACSM / MRS / SIM Crash Safety Module / Safety Info KOMBI Instrument cluster PDC Park Distance Control FZD Function Center, Roof SMFA Seat Module, Driver SMBF Seat Module, Passenger SHD Sliding / Tilting Sunroof FRM / KBM Footwell / Body Basic Module	v v v v v r r r r r r r r r r r r r r r	V V V DATA STREAM V V V V V V V V V V V V V V V V V V V		ADAPTATION / SERVICE	

SZM		
Control Centre TMFA	<u> </u>	<u> </u>
Driver Door TMBF	<u>v</u>	<u> </u>
Passenger Door FLA	<u> </u>	V
High Beam Assist	<i>v</i>	✓
AHM Trailer Module	v	V
SINE Siren with Tilt Sensor	v	·
AHM Trailer Module	V	
ALBFA	<u>, </u>	
ALBBF	<u>v</u>	
	V	V
RLS Rain Sensor	v	·
CVM / CTM Convertible Top	V	
INFORMATION AND COMMU	NICATION	
ECU SZGM/JBE/KGM	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
Safety and Gateway Module Junction-Box Electronics		
Body Gateway Module CDC	V	<u> </u>
CD Changer	v	
DVDC DVD Changer	V	
CCC-ASK Audio System	v	v
CCC-ANT Antenna Tuner	v	
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO		
Control Display / User Interface	V	v
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-		
GW Gateway	V	
CID Cnetral Information Display	v	·
CON Controller	v	·
TCU/ULF		
Telephone Control Unit / Universal Bluetooth Hands-Free		
System AMP	<u> </u>	<u>v</u>
Amplifier CCC-A	<u> </u>	
Applications HUD	<u>v</u>	<u> </u>
Head-up Display CA	<u> </u>	<u> </u>
Comfort Access DAB	v	<i>y</i>
Digital Tuner	V	
KHM / KHI Headphones Module		
Headset Interface NVK	<u> </u>	
Night Vision Camera NVE	<u> </u>	
Night Vision Electronics SHZH	v	v
Independent / Auxiliary Heater	v	
	v	
VM Video Module	V	V
MASK-NAV / CNAV / JNAV / KNAV		
Navigation System SDARS	v	V
	v	•
Digital Tuner US	V	V
PM Power Module	V	V
AIR CONDITIONING ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
IHKA / IHKR		
Regulated Heating and A/C 7-series	<u> </u>	V
7-SERIES, E65 / E66 (Long	Wheel Base) / E67 (P	rotection) / E68 (Hydrogen 7) 2002 – 2008
Practical Functions FUNCTION		STATUS
Oil Reset		V

DPF Regeneration			V		
Fuel Injector Adaptation			V		
Brake Pad Service Battery Service					
Immobilizer Service			<i>V</i>		
Tire Pressure Sensor Service					
DRIVE SYSTEMS ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME N52 / N62 / N73 / M54					
Petrol Engine DDE	<i>V</i>	V	<u> </u>	<i>V</i>	
M57 / M67 DieselEngine	V	V	V	V	
EGS Auto Transmission	V	V	V	V	
VTC1 Volvetronics	V				
VTC2 Volvetronics	V				
DWA Anti-Theft Alarm	V	v			
CAS Car Access	V	v		✓ (DME/DDE Sync)	
DME adaptation, functions list: (So Idle speed control	ome functions are optional b	ecause of the defaul	t factory setting)		
Learning Valvetronic limit position	ns				
CO Adjustment					
Consumption Indicator Minimum Stroke Adjustment					
Remove Valvetronic servomotor					
Injector rate adjustment Bleeding coolant system					
DDE adaptation, functions list: (So	ome functions are optional b	ecause of the default	t factory setting)		
Idle speed control					
Injector rate adjustment Particulate filter					
Adaptations					
Balance test Exhaust-gas recirculation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
Injection rate fuel system bleeding Consumption calculation Read measured values	ma functions are entired by	pagusa of the default	factory cotting)		
Injection rate fuel system bleeding Consumption calculation	me functions are optional be	ecause of the default	factory setting)		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS					
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU				ADAPTATION / SERVICE	NOTES
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS				ADAPTATION / SERVICE	NOTES
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC	READ/CLEAR CODE	DATA STREAM		ADAPTATION / SERVICE	NOTES
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC EHC Electronic Ride-Height Control CIM	READ/CLEAR CODE	DATA STREAM		ADAPTATION / SERVICE	NOTES
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control	READ/CLEAR CODE	DATA STREAM		ADAPTATION / SERVICE	NOTES
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF	READ/CLEAR CODE	DATA STREAM		ADAPTATION / SERVICE	NOTES
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS ARS Active Roll Stabilization BODY	READ/CLEAR CODE v v v	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE ADAPTATION / SERVICE	NOTES
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBSL	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR RS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Left SBSR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SBSR SRS / Airbag, B-Pillar Right	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR RRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSR SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, D-Pillar Right	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS ARS ACTIVE Roll Stabilization BODY ECU SASR SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, B-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSL SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, Driver Seat SSBF SRS / Airbag, Passenger Seat SSBF	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SSFA SFS / Airbag, B-Pillar Right SSFA SSFS / Airbag, Driver Seat SSBF SRS / Airbag, Passenger Seat SSH SRS / Airbag, Passenger Seat SSFS / Sirbag, Rear Seat SFZ	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSL SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, Driver Seat SSFF SRS / Airbag, Passenger Seat SSH SRS / Airbag, Passenger Seat SSH SRS / Airbag, Rear Seat SFZ / SRS / Airbag, Rear Seat SFZ / SRS / Airbag, Rear Seat SFZ / SRS / Airbag, Vehicle Center STVL	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBS / SBS / Airbag, B-Pillar Left SBSR SRS / Airbag, B-Pillar Right SSS SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SSFA / Airbag, B-Pillar Right SSFA / SSFA SSFA / Airbag, B-Pillar Right SSFS / SSFA / SSF	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSL SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, Driver Seat SSFF SRS / Airbag, Passenger Seat SSFI SRS / Airbag, Rear Seat SFZ SRS / Airbag, Rear Seat SFZ SRS / Airbag, Vehicle Center STVL SRS / Airbag, Front Left Door STVR SRS / Airbag, Front Right Door KOMBI	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Left SSBR SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, Passenger Seat SSH SRS / Airbag, Passenger Seat SSH SRS / Airbag, Rear Seat SFZ SRS / Airbag, Front Left Door STVR SRS / Airbag, Front Right Door KOMBI Instrument cluster PDC	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSR SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, Driver Seat SSFS SRS / Airbag, Passenger Seat SSH SRS / Airbag, Rear Seat SFZ SRS / Airbag, Rear Seat SFZ SRS / Airbag, Rear Seat SFZ SRS / Airbag, Pont Left Door STVL SRS / Airbag, Front Left Door STVR SRS / Airbag, Front Right Door KOMBI Instrument cluster	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		
Injection rate fuel system bleeding Consumption calculation Read measured values EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control CIM Chassis Integration Module EMF Parking Brake ARS ARS Active Roll Stabilization BODY ECU SASL SRS / Airbag, A-Pillar Left SASR SRS / Airbag, A-Pillar Right SBSL SRS / Airbag, B-Pillar Right SBSL SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Right SSFA SRS / Airbag, B-Pillar Ceft SSFF SRS / Airbag, Passenger Seat SSFF SRS / Airbag, Passenger Seat SSH SRS / Airbag, Rear Seat SFZ SRS / Airbag, Front Left Door STVR SRS / Airbag, Front Right Door KOMBI Instrument cluster PDC Park Distance Control	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION		

TMFAT					
Driver Door	V	V			
TMBFT Passenger Door	~	~			
FBZM					
Rear Control TMFAH	<u> </u>	<u> </u>			
Driver Rear Door	v	V			
TMBFH Passenger Rear Door	~	J			
SZL	•	•			
Switch Center RLS	<u> </u>	<u> </u>		Initialization	
Rain Sensor	V	V			
HKL Rear-lid Lift	V	v			
WIM	•				
Wiper Module INFORMATION AND COMMU	NICATION	V			
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SIM					
Safety & Information ASK	<u> </u>	<i>V</i>			
Audio System	v	V			
CD Control Display	~	_			
CDGW		•			
Control Display Gatway CDC	<u> </u>	<i>V</i>			
CD Changer	v				
DVDC DVD Changer	~				
PM					
Power Module CON	V	V			
Controller	v	V			
ANT Antenna	v	V			
SGM / ZGM	•				
Safety and Gateway Module TCU/ULF	<i>V</i>	√			
Telephone Control Unit /					
Universal Bluetooth Hands-Free System		.,			
VM	<u> </u>				
Video Module M-ASK-NAV / JNAV	<u> </u>	<i>V</i>			
Navigation System	✓	_			
svs					
SVS Language Processing System	V				
SVS Language Processing System AIR CONDITIONING ECU		DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR	READ/CLEAR CODE		CLEAR ADAPTION		NOTES
SVS Language Processing System AIR CONDITIONING ECU HKA/HKR Regulated Heating and A/C FKA/REAR AC	READ/CLEAR CODE	V	CLEAR ADAPTION	ADAPTATION/SERVICE	NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning	READ/CLEAR CODE	v			NOTES
SVS Language Processing System AIR CONDITIONING ECU HKA/HKR Regulated Heating and A/C FKA/REAR AC	READ/CLEAR CODE	v			NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION	READ/CLEAR CODE	v			NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset	READ/CLEAR CODE	v	994 – 2001		NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION	READ/CLEAR CODE	v	994 – 2001 STATUS		NOTES
SVS Language Processing System AIR CONDITIONING ECU HKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service	READ/CLEAR CODE	v	994 – 2001 STATUS		NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service	READ/CLEAR CODE	v	994 – 2001 STATUS		NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service	READ/CLEAR CODE	v	994 – 2001 STATUS		NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lon Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS	READ/CLEAR CODE	y 3 (Protection) 19	994 – 2001 STATUS		
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service	READ/CLEAR CODE	y 3 (Protection) 19	994 – 2001 STATUS		NOTES
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FFKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lon Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73	READ/CLEAR CODE	y 3 (Protection) 19	994 – 2001 STATUS V CLEAR ADAPTION	ADAPTATION/SERVICE	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for	READ/CLEAR CODE	y 3 (Protection) 19	994 – 2001 STATUS		
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FFKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine	READ/CLEAR CODE	y 3 (Protection) 19	994 – 2001 STATUS V CLEAR ADAPTION	ADAPTATION/SERVICE	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Iire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67	READ/CLEAR CODE v ng Wheel Base) / E38/3 READ/CLEAR CODE	y 3 (Protection) 19	994 – 2001 STATUS V CLEAR ADAPTION	ADAPTATION/SERVICE	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine EGS / AGS Auto Transmission EML	READ/CLEAR CODE	DATA STREAM	994 – 2001 STATUS CLEAR ADAPTION	ADAPTATION/SERVICE	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lon Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine DDE GCS / AGS Auto Transmission	READ/CLEAR CODE	DATA STREAM	994 – 2001 STATUS CLEAR ADAPTION	ADAPTATION/SERVICE	
SVS Language Processing System AIR CONDITIONING ECU HKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lor Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine ECG / AGS Auto Transmission EML Electric Throttle EWS Immobilizer	READ/CLEAR CODE	DATA STREAM	994 – 2001 STATUS CLEAR ADAPTION	ADAPTATION/SERVICE	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lon Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine DDE SGS / AGS Auto Transmission EML Electric Throttle EWS	READ/CLEAR CODE v ng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	994 – 2001 STATUS CLEAR ADAPTION	ADAPTATION / SERVICE	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lou Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for MS2 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine DDE GOS / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun	READ/CLEAR CODE v rng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	D94 – 2001 STATUS CLEAR ADAPTION V V	ADAPTATION / SERVICE V (DME/DDE Sync)	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lou Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine DDE for M51 / M57 / M67 DieselEngine ECG / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun Oxygen Sensor / Lambda	READ/CLEAR CODE v rng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	D94 – 2001 STATUS CLEAR ADAPTION V V	ADAPTATION / SERVICE V (DME/DDE Sync)	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lou Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for MS2 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine DDE GOS / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun	READ/CLEAR CODE v rng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	D94 – 2001 STATUS CLEAR ADAPTION V V	ADAPTATION / SERVICE V (DME/DDE Sync)	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine EGS / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun Oxygen Sensor / Lambda Throttle Position Sensor Idle air / Idle speed fluid control Irregular running	READ/CLEAR CODE v rng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	D94 – 2001 STATUS CLEAR ADAPTION V V	ADAPTATION / SERVICE V (DME/DDE Sync)	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lon Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Ifre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine DDE for M51 / M57 / M67 DieselEngine ECG / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun Oxygen Sensor / Lambda Fhrottle Position Sensor Idle air / Idle speed fluid control Irregular running Closing time	READ/CLEAR CODE v rng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	D94 – 2001 STATUS CLEAR ADAPTION V V	ADAPTATION / SERVICE V (DME/DDE Sync)	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine EGS / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun Oxygen Sensor / Lambda Throttle Position Sensor Idle air / Idle speed fluid control Irregular running	READ/CLEAR CODE v rng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	D94 – 2001 STATUS CLEAR ADAPTION V V	ADAPTATION / SERVICE V (DME/DDE Sync)	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FFKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine EGS / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun Oxygen Sensor / Lambda firhottle Position Sensor Idle air / Idle speed fluid control Irregular running Closing time Height correction Ifhrottle valve Knock control	READ/CLEAR CODE v rng Wheel Base) / E38/3 READ/CLEAR CODE	DATA STREAM	D94 – 2001 STATUS CLEAR ADAPTION V V	ADAPTATION / SERVICE V (DME/DDE Sync)	
SVS Language Processing System AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FFKA / REAR AC Rear heater/air conditioning 7-SERIES, E38 / E38/2 (Lot Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service Fire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M52 / M60 / M62 / M73 Petrol Engine DDE for M51 / M57 / M67 DieselEngine ECS / AGS Auto Transmission EML Electric Throttle EWS Immobilizer GR2 Cruise Control DME clear adaption / adaption, fun Dxygen Sensor / Lambda Fhrottle Position Sensor Idle air / Idle speed fluid control Irregular running Closing time Height correction Fhrottle valve	READ/CLEAR CODE w mg Wheel Base) / E38/3 READ/CLEAR CODE w ctions list: (Some functions	DATA STREAM V V v v v v v v v v v v v	STATUS CLEAR ADAPTION CLEAR ADAPTION of the default factory set	ADAPTATION / SERVICE V (DME/DDE Sync)	

Idle speed control				
CHASSIS ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC	READ/CLEAR CODE	DATA STREAM CLEAR ADAITION	ADAI TATION/ SERVICE	NOTES
Automatic Stability Control Dynamic Stability Control	v	V		
	<u>v</u>			
EHC	.,	.,		
Electronic Ride-Height Control RDC	<u>v</u>			
	V	V		
BODY ECU	DEAD/CLEAD CODE	DATA STREAM CLEAR ADAPTION	ADADTATION / SEDVICE	NOTES
SRS	READ/CEEAR CODE	DATASTREAM CLEAR ADAITION	ADAI TATION/ SERVICE	NOTES
Airbag IKE / IKI / KOMBI	<u> </u>	<u> </u>		
	V	~		
PDC				
Park Distance Control LCM / LSZ	<u> </u>	V		
Light Check Module	v	<i>v</i>		
ZKE Central Body System	v	V		
SZM	•	<u> </u>		
Switching Center XENON, Left	<u> </u>	<u> </u>		
Left Xenon	V	V		
XENON, Right	v	v		
Right Xenon AIC / RLS				
	v	V	Initialization	
MFL				
Multi-functional Steering Wheel		V		
SHD Sunroof	v	V		
SM				
Seat Memory BSM	<u> </u>	V		
Seat Memory, Passenger Side		V		
CCM Cheek Central		v		
Check Control		· · · · · · · · · · · · · · · · · · ·		
FBZV Remote Control for Central Lock				
HKM				
Trunk Lid Module		<i>V</i>		
SBE2 Seat Occupation Detection		,		
SPMBT Mirror Memory, Passenter Side		~		
SPMFT				
Mirror Memory, Driver Side STH		<u> </u>		
Additional Heater		V		
LWS Steering Angle		_		
ELV				
Electric Steering LRA		V		
Headlight Vertical Aim Control		V		
INFORMATION AND COMMU		DATA CERTAIN OF BARNES	AD ADT ATION ACTION	Nomno
ECU RAD	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Radio	v	V		
BIT Basis-Interface Telephone	v	V		
BMBT				
On-Board Monitor DSP	<u> </u>			
	V			
MID	,			
Multi-Information Display	<u> </u>			
FID Page Multi Information Display	,			
Rear Multi-Information Display IRIS	<u> </u>			
Integrated Radio Information	<i>v</i>			
NAV Navigation System	v			
NAV JAP				
Navigation System, Japanese VIDEO GT	<u> </u>			
Video Module Graphics Part	v			
VIDEO_TV / VID	.,			
Video Module, TV	✓			
SES				
Voice Recognition	v			
Voice Recognition AIR CONDITIONING		DATA STREAM CLEAR ADARTION	ADAPTATION / SERVICE	NOTES
Voice Recognition AIR CONDITIONING	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES

FGB Rear Compartment Blower	V	v			
7-SERIES, E32 1986 – 199-	4				
Practical Functions FUNCTION			STATUS		
Oil Reset DPF Regeneration			<u> </u>		
Fuel Injector Adaptation Brake Pad Service					
Battery Service					
Immobilizer Service Tire Pressure Sensor Service					
DRIVE SYSTEMS ECU	DEAD/CLEAD CODE	DATA STDEAM	CLEAD ADAPTION	ADAPTATION / SERVICE	NOTES
DME for	READ/CEEAR CODE	DATASTREAM	CLEAR ADAI HON	ADAI TATION/ SERVICE	NOTES
M30 / M50 / M70 Petrol Engine	V	V	V	v	
DDE for M51 DieselEngine	V	V	V	v	
EGS Auto Transmission	V	V	V		
EML Electric Throttle	V	V			
EWS Immobilizer	v	v		✓ (DME/DDE Sync)	
DME clear adaption / adaption, fur	nctions list: (Some functions	are optional because	e of the default factory set		
All adaption DDE adaption, functions list: (Son	ne functions are optional bec	ause of the default fa	actory setting)		
Idle speed control CHASSIS					
ECU ABS / ASC / DSC	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control EDC	V	V			
Electronic Dapmer Control	V	V			
AHK Active Rear Axle BODY	V	V			
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS Airbag	V	V			
IKE / IKI / KOMBI Instrument cluster	V	v			
ZKE Central Body System	V	v			
EKM Electric Body Module	v				
LCM / LM Light Check Module	v	~			
INFORMATION AND COMMU		DATA STREAM	CLEAP ADAPTION	ADAPTATION / SERVICE	NOTES
MID / ZIS		DATASIKEAM	CLEAR ADAFTION	ADAI TATION/ SERVICE	NOTES
Multi-Information Display AIR CONDITIONING	<u> </u>				
ECU IHKA/IHKR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Regulated Heating and A/C	<i>v</i>	V			
8-series 8-SERIES, E31 1989 – 199	9				
Practical Functions			OT ATUS		
FUNCTION Oil Reset			STATUS		
DPF Regeneration Fuel Injector Adaptation					
Brake Pad Service Battery Service					
Immobilizer Service					
Tire Pressure Sensor Service DRIVE SYSTEMS					
ECU DME	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Petrol Engine DDE	V	V	V	V	
DieselEngine EGS	V	V	V	v	
Auto Transmission	V	v	V		
EML Electric Throttle	v	V			
EWS Immobilizer	V	V		✓ (DME/DDE Sync)	
DME clear adaption / adaption, fun All adaption	nctions list: (Some functions	are optional because	e of the default factory set	ting)	
DDE adaption, functions list: (Son Idle speed control	ne functions are optional bec	ause of the default fa	actory setting)		
CHASSIS					
ECU ABS / ASC / DSC	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Automatic Stability Control Dynamic Stability Control	V	v			

EHC Electronic Ride-Height Control	V	V			
BODY	DEAD/CLEAD CODE	DATA CTDEAM	CLEAD ADARTION	ADARTATION / CEDUICE	NOTES
ECU SRS	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Airbag	v	V			
IKE / IKI / KOMBI Instrument cluster	v				
LCM / LSZ	<u> </u>				
Light Check Module	✓	V			
ZKE Central Body System	v				
EKM	<u> </u>				
Electric Body Module	v				
INFORMATION AND COMMU ECU		DATA STDEAM	CLEAD ADADTION	ADAPTATION / SERVICE	NOTES
MID	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Multi-Information Display	✓				
AIR CONDITIONING	DE LE COLE LE CODE	DATE OF DEAD	CLEAD ADAPTION	A D A DT A TION / OF DAILOR	NOTES
ECU IHKA/IHKR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Regulated Heating and A/C	V	V			
X-series					
X6-SERIES, E71 / E72 (Act	iveHybrid) 2008 – 201	13			
Practical Functions	,				
FUNCTION			STATUS		
Oil Reset DPF Regeneration			<i>V</i>		
Fuel Injector Adaptation			V		
Brake Pad Service			V		
Battery Service			V		
Immobilizer Service Tire Pressure Sensor Service			<i>V</i>		
DRIVE SYSTEMS			•		
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N54 / N55 / N63 / S63 Petrol Engine	v	~	,	Y	
DDE			·		
N57 / M57 DieselEngine			.,	.,	
EGS	<u>v</u>			<u> </u>	
Auto Transmission	✓	V	v	✓	
VTG Transfer Case				v	
CAS	•	•		<u> </u>	
Car Access	V	V		✓ (DME/DDE Sync)	
EKPS Fuel-pump	v	~			
GWS		•			
Gear Selector Switch QMVH	✓	V			
QMVH Lateral-Moment Distribution,					
Rear Axle	✓	V			
DME adaptation, functions list: (So	ome functions are optional b	ecause of the default	factory setting)		
Idle speed control Injector rate adjustment					
Bleeding coolant system					
Diagnosis module for tank leakage					
DDE adaptation, functions list: (So	me functions are optional be	ecause of the default	factory setting)		
Idle speed control Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation Starting fuel delivery					
Limitation delivery					
Injection rate					
fuel system bleeding					
Consumption calculation Read measured values					
EGS adaptation, functions list: (Sor	me functions are optional be	cause of the default	factory setting)		
Reset learning functions					
CHASSIS	READ/CLEAR CODE	DATA CEREAM	CLEAD ADAPTION	ADAPTATION / SERVICE	NOTES
ECU DSC	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAI TATION/ SERVICE	RUIES
Dynamic Stability Control	v	V			
ЕНС					
Electronic Ride-Height Control	V	V			
EMF				Initialization	
Parking Brake AL/AFS	<u> </u>			Initialization	
Active Steering	V	V		V	
EDCSHL Damper Satellite, Pear Left		V			
Damper Satellite, Rear Left EDCSHR	<u> </u>				
Damper Satellite, Rear Reft	v	V			

EDCSVL				
Damper Satellite, Front Left EDCSVR	<u> </u>	<u> </u>		
	V	V		
ICM / LDM	,	,		
Integrated Chassis Control RDC	<u> </u>	<u>/</u>		
Tire Pressure Control VDM	<u> </u>	<u> </u>		
Vertical Dynamics Management	V	V		
ARS Dynamic Drive	v	V		
EPS	<u> </u>			
Electric Power Steering BODY	<u> </u>	<u>v</u>		
	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM Crash Safety Module				
Multiple Restraint System				
Safety Information KOMBI	<u> </u>	<u> </u>		
Instrument cluster	v	V		
PDC Park Distance Control	v	×		
FZD				
Function Center HKL	<u> </u>	<u> </u>	<i>V</i>	
Rear-lid Lift	V	V	Initialization	
RLS / AIC Rain / Light Sensor	<u> </u>	v		
FLA				
High Beam Assist FRM / KBM / FRM2	<u> </u>	<u> </u>		
Footwell Module	<i>v</i>	<u> </u>	V	
RFK Reversing Camera	V			
SMFA	<u> </u>	<u> </u>	Initialization	
Seat Module, Driver SMBF	<u> </u>	<u> </u>	Initialization	
	<i>V</i>	<u> </u>	Initialization	
AHM Trailer Module	V	~		
TRSVC All Round View Camera	V	v	v	
SINE	<u>v</u>	<u> </u>		
Siren With Tilt Sensor	V	✓		
	NICATION	<u> </u>		
INFORMATION AND COMMU			ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMU ECU SZGM/JBE/KGM		DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU			ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module			ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMU ECU SZGM/JBE/KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM/JBE/KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM/JBE/KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM/JBE/KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD/RAD/MBO/CCC-BO/	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM/JBE/KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD/RAD/MBO/CCC-BO/ CHAMP-BO/M-ASK-BO Control Display / User Interface CD-GW/M-ASK-GW/	READ/CLEAR CODE V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CCD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW	READ/CLEAR CODE V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / GATEWAY GATEWAY GATEWAY GATEWAY GATEWAY CID Cnetral Information Display	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CCD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RADZGW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON	READ/CLEAR CODE V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller I CU / ULF-SBX	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM/JBE/KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD/RAD/MBO/CCC-BO/CHAMP-BO/M-ASK-BO Control Display/User Interface CD-GW/M-ASK-GW/RAD2GW/CCC-GW/CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU/ULF-SBX Telephone Control Unit/ Universal Bluetooth Hands-Free	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GATEWAY CID Cnetral Information Display CON CONTOL CONTROL OF CONTROL O	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CCD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RADZGW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box	READ/CLEAR CODE V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO CONTOI Display / User Interface CD-GW / M-ASK-GW / RADZGW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CCD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RADZGW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCCC-A Applications	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GATEWAY CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RADZGW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface VSW Video Switch	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
INFORMATION AND COMMULECU ECU SZGM / JBE / KGM Safety and Gateway Module Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface VSW Video Switch FD	READ/CLEAR CODE V V V V V V V V V V V V V V V V V V	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES

VM					
Video Module MASK-NAV / CNAV / JNAV /	✓	<u> </u>			
KNAV					
Navigation System	V	V			
SDARS Satellite Tuner	,	_			
IBOC	•	•	-		
Digital Tuner US RSE	✓	<i>V</i>			
Rear Seat Entertainment	✓	~			
AIR CONDITIONING					
ECU IHKA	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Regulated Heating and A/C	V	V		V	
FKA Rear heater/air conditioning	V	.,			
icar icater/air conditioning	•				
X5-SERIES, E70 2007 – 20	13				
Practical Functions			OM L MYLO		
FUNCTION Oil Reset			STATUS		
DPF Regeneration			v		
Fuel Injector Adaptation			V		
Brake Pad Service Battery Service			<u> </u>		
Immobilizer Service			<u>v</u>		
Tire Pressure Sensor Service			V		
DRIVE SYSTEMS ECU	DEAD/CLEAD CODE	DATA STREAM	CLEAD ADAPTION	ADADTATION / CEDVICE	NOTES
DME	READ/CLEAR CODE	DATA SIKEAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
N52 / N55 / N62 / N63 / S63					
Petrol Engine DDE	<u> </u>	<i>y</i>	<u> </u>	<u> </u>	
M57 / N57					
DieselEngine EGS	<i>V</i>	<i>V</i>	<u> </u>	<i>V</i>	
Auto Transmission	V	v	V	v	
VTG		.4			
Transfer Case CAS	<u> </u>	<u> </u>	-	<u>/</u>	
Car Access	V	v		✓ (DME/DDE Sync)	
EKPS Fuel-pump	V	_			
GWS	•	•			
Gear Selector Switch	✓	<i>V</i>			
Gear Selector Switch QMVH Lateral-Moment Distribution,	V	<u> </u>			
QMVH Lateral-Moment Distribution, Rear Axle	v	V			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (S	v	V	t factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle	ome functions are optional b	V	t factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor	ome functions are optional b	V	t factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum-stroke adjustment	ome functions are optional b	V	t factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor	ome functions are optional b	V	t factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test	ome functions are optional b	V	t factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum-stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum-stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum-stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Injection rate fuel system bleeding	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum-stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values	ome functions are optional b	ecause of the default			
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So	ome functions are optional b	ecause of the default	factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions	ome functions are optional b	ecause of the default	factory setting)		
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Limitation delivery Limitation delivery Limitation delivery Limitation delivery Consumption calculation Read measured values SCR system (USA only) FGS adaptation, functions list: (So Reset learning functions CHASSIS	ome functions are optional best constant of the constant of th	ecause of the default	factory setting)	ADAPTATION/SERVICE_	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC	ome functions are optional being a complete the complete that the	ecause of the default	factory setting)	ADAPTATION / SERVICE	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU	ome functions are optional best constant of the constant of th	ecause of the default	factory setting)	ADAPTATION / SERVICE	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC	ome functions are optional being a complete the complete that the	ecause of the default	factory setting)	ADAPTATION / SERVICE	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Limitation delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control	ome functions are optional being a complete the complete that the complete the complete that the compl	ecause of the default	factory setting)	ADAPTATION / SERVICE	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation fuel delivery Limitation fuel fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC EHC EHC EMF	ome functions are optional being a complete the complete that the complete the complete that the compl	ecause of the default	factory setting)		NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control EMF Parking Brake AL/AFS	ome functions are optional being a complete of the complete of	ecause of the default	factory setting)	✓ Initialization	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Si Idle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Gonsumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control EMF Parking Brake AL/AFS Active Steering	ome functions are optional best constant of the function o	ecause of the default	factory setting)	v	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Injection rate fuel system bleeding Consumption calculation Read measured values SCR system (USA only) EGS adaptation, functions list: (So CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control EMF Parking Brake AL/AFS Active Steering EDCSHL Damper Satellite, Rear Left	ome functions are optional being a complete of the complete of	ecause of the default	factory setting)	✓ Initialization	NOTES
QMVH Lateral-Moment Distribution, Rear Axle DME adaptation, functions list: (Sidle speed control Learning Valvetronic limit position Remove Valvetronic servomotor Minimum- stroke adjustment Injector rate adjustment Bleeding coolant system VANOS test Diagnosis module for tank leakage DDE adaptation, functions list: (So Idle speed control Injector rate adjustment Particulate filter Adaptations Balance test Exhaust-gas recirculation Starting fuel delivery Limitation delivery Limitation delivery Limitation delivery Limitation delivery Limitation delivery Limitation functions list: (So Reset learning functions CAS system (USA only) EGS adaptation, functions list: (So Reset learning functions CHASSIS ECU DSC Dynamic Stability Control EHC Electronic Ride-Height Control EMF Parking Brake AL/AFS Active Steering EDCSHL	ome functions are optional best constant of the function of the fu	ecause of the default ecause of the default DATA STREAM	factory setting)	✓ Initialization	NOTES

EDCCVI				
EDCSVL Damper Satellite, Front Left	V	V		
EDCSVR Damper Satellite, Front Right	v	v		
ICM/LDM				
Integrated Chassis Control RDC	<u> </u>			
Tire Pressure Control VDM	<u> </u>	<u> </u>		
Vertical Dynamics Management	V	V		
ARS Dynamic Drive	<i>y</i>	V		
BODY	DEAD/CLEAD CODE	DATA CERTAIN CLEAR ADARTION	ADARTATION / CEDVICE	NOTEC
ECU ACSM / MRS / SIM	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Crash Safety Module Multiple Restraint System				
Safety Information KOMBI	<i>v</i>	<u> </u>		
Instrument cluster	V	V		
PDC Park Distance Control	<u> </u>	v		
FZD		<u> </u>		
Function Center HKL	<u> </u>		<u> </u>	
Rear-lid Lift RLS / AIC	<u> </u>	<u> </u>	Initialization	
Rain / Light Sensor	<i>v</i>	V		
FLA High Beam Assist	V	V		
FRM / KBM / FRM2 Footwell Module	v	<u> </u>	V	
RFK				
Reversing Camera SMFA	<u> </u>			
Seat Module, Driver SMBF	<u> </u>	V	Initialization	
Seat Module, Passenger	V	V	Initialization	
AHM Trailer Module	~	V		
TRSVC All Round View Camera	V	.,	V	
SINE			<u> </u>	
Siren With Tilt Sensor INFORMATION AND COMMU	V NICATION	<u> </u>		
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM				
Safety and Gateway Module Junction-Box Electronics				
Junction-Box Electronics Body Gateway Module	V	~		
Junction-Box Electronics Body Gateway Module CDC CD Changer	v v	<i>.</i>		
Junction-Box Electronics Body Gateway Module CDC		v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK	<i>y</i>			
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT	V	v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner	<i>y</i>			
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD/RAD/MBO/CCC-BO/ CHAMP-BO/M-ASK-BO	v v v	V		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW /	v v v			
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface	v v v	V		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway	v v v	V		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display	v v v	V		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW/ RAD2GW / CCC-GW / CHAMP-GW GW Gateway CID	v v v	v v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANF Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF-SBX	v v v	v v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO COntrol Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free	v v v v v	v v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD/RAD/MBO/CCC-BO/ CHAMP-BO/M-ASK-BO Control Display / User Interface CD-GW/M-ASK-GW/ GATEWAY GATEWAY GATEWAY GATEWAY CON CONTROLLED CNET CID CN	v v v	v v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD/RAD/MBO/CCC-BO/ CHAMP-BO/M-ASK-BO Control Display / User Interface CD-GW/M-ASK-GW/ GATEWAY GATEWAY GATEWAY GATEWAY CID Cnetral Information Display CON Controller TCU/ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box	v v v v v	v v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANF Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW/ RAD2GW / CCC-GW / CHAMP-GW CID Cnetral Information Display CON CON Controller FCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP AMP Amplifier	v v v v v v	v v v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Addio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP		v v v v v		
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Addio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller FCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANF Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD/ RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller ICU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Addio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A AMP Amplifier CCC-A CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW/ RAD2GW / CCC-GW / CHAMP- GW Gateway CID Cnetral Information Display CON Controller FCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Andio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface VSW Video Switch				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Audio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW GW Gateway CID Cnetral Information Display CON Controller FCU / ULF-SBX Felephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface VSW Video Switch FD				
Junction-Box Electronics Body Gateway Module CDC CD Changer DVDC DVD Changer CCC-ASK Andio System CCC-ANT Antenna Tuner CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW Gateway CID Cnetral Information Display CON Controller TCU / ULF-SBX Telephone Control Unit / Universal Bluetooth Hands-Free System ULF-SBX Interface Box AMP Amplifier CCC-A Applications HUD Head-up Display CA Comfort Access DAB Digital Tuner KHM / KHI Headphones Module Headset Interface VSW Video Switch				

MASK-NAV / CNAV / JNAV /				
KNAV Navigation System	v	~		
SDARS Satellite Tuner	.,			
IBOC		•		
Digital Tuner US RSE	<i>V</i>	<u> </u>		
Rear Seat Entertainment AIR CONDITIONING	<i>V</i>	<i>v</i>		
ECU	READ/CLEAR CODE	DATA STREAM CLEAR A	DAPTION ADAPTATION / SERVICE	NOTES
IHKA Regulated Heating and A/C	V	V	V	
FKA Rear heater/air conditioning	V			
X5-SERIES, E53 1999-200		•		
Practical Functions FUNCTION		STATUS		
Oil Reset		<i>V</i>		
DPF Regeneration Fuel Injector Adaptation		<u> </u>		
Brake Pad Service		•		
Battery Service Immobilizer Service		<i>V</i>		
Tire Pressure Sensor Service				
DRIVE SYSTEMS ECU	READ/CLEAR CODE	DATA STREAM CLEAR A	DAPTION ADAPTATION / SERVICE	NOTES
DME for M54 / M62 / N62 Petrol Engine	V	v v	V	
DDE for M57	,			
DieselEngine EGS / AGS	V	<u> </u>	√	
Auto Transmission EWS	<u> </u>	<i>y</i>		
Immobilizer GR2	<u> </u>	<u> </u>	✓ (DME/DDE Sync)	
Cruise Control	V			
VTG Transfer Case	V	~	~	
DME clear adaption / adaption, fur	nctions list: (Some functions	are optional because of the defar	ult factory setting)	
All adaption Diagnosis module for tank leakage	(USA only)			
DDE adaption, functions list: (Son Idle speed control	ne functions are optional bec	ause of the default factory setting		
Injector rate adjustment				
Balance test Air-mass flow sensor adaptation				
Quantity mean-value adaptation	. f			
VTG service, functions list: (Some Oil change	tunctions are optional becat	ise of the default factory setting)		
Repair (1).Replace classification resistor				
(2).Replace transfer case actuator				
(3).Replace transfer box (4).Replace VTG control				
(5).Enter wear values in new VTG	control			
CHASSIS ECU	READ/CLEAR CODE	DATA STREAM CLEAR A	ADAPTION ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC Automatic Stability Control				
Dynamic Stability Control	V	v	V	
ЕНС				
Electronic Ride-Height Control RDC	V	V	V	
Tyre Pressure DSC, functions list: (Some function	ons are ontional because of th	e default factory setting)		
DSC hydraulics bleeding	nis are optional because of th	e default factory setting)		
Calibration of DSC sensor (1).Steering-angle sensor				
(2).Rate of rotation sensor				
(3).Lateral acceleration sensor Adjustment, steering angle sensor				
EHC, functions list: (Some function	ons are optional because of th	e default factory setting)		
Transport mode (1). Transport mode inquiry				
(2). Delete transport mode				
BODY				
ECU SRS	READ/CLEAR CODE	DATA STREAM CLEAR A	ADAPTION ADAPTATION / SERVICE	NOTES
Airbag	V	V		
IKE / IKI / KOMBI Instrument cluster				
	✓	V		
PDC Park Distance Control	<i>v</i>	<i>v</i>		
Park Distance Control LCM / LSZ	~	v		
Park Distance Control	<i>y y</i>	<i>y</i>		

CZM					
SZM					
Switching Center	✓	V			
XENON, Left					
Left Xenon	V	V			
XENON, Right					
Right Xenon	J	/			
AIC / RLS	•				
				TOWN IN ACCOUNT.	
Rain / Light Sensor	<i>V</i>	√		Initialization	
MFL					
Multi-functional Steering Wheel		V			
SHD					
		,			
Sunroof	✓	<u> </u>			
SM					
Seat Memory	✓	✓			
BSM					
Seat Memory, Passenger Side					
CCM					
Check Control		✓			
FBZV					
Remote Control for Central Lock	z	V			
HKM	`	•			
Trunk Lid Module		<i>V</i>			
SBE2					
Seat Occupation Detection		✓			
			-		
SPMBT					
Mirror Memory, Passenter Side					
SPMFT					
Mirror Memory, Driver Side		V			
STH					
Additional Heater		J			
LWS					
Steering Angle		<u> </u>			
ELV					
Electric Steering		V			
LRA		•			
		,			
Headlight Vertical Aim Control	<u> </u>				
AHL					
Adaptive Directinal Headlights	✓	✓			
INFORMATION AND COMMU	INICATION				
		DATA CEDEAM	CLEAD ADARTION	ADARTATION / CEDVICE	MOTEC
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	V			
BIT					
Basis-Interface Telephone	V	V			
BMBT	<u> </u>				
DMBI					
0 70 175 1					
On-Board Monitor	V				
On-Board Monitor DSP	<u> </u>				
DSP	<i>y</i>				
DSP DSP-booster	<i>y</i>				
DSP DSP-booster MID	<i>V</i>				
DSP DSP-booster	v v				
DSP DSP-booster MID Multi-Information Display	<i>v</i>				
DSP DSP-booster MID	<i>y y</i>				
DSP DSP-booster MID Multi-Information Display FID					
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display					
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS	V				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information					
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV	V				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information	V				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV	<i>,</i>				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP	v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese	<i>,</i>				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT	v v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part	v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO_IV/VID	v v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part	v v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO_IV/VID	v v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES	v v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_CT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition	v v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING	v v v v				
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU	v v v	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING	v v v v	DATA STREAM	CLEAR ADAPTION	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR	v v v v r READ/CLEAR CODE		CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C	v v v v	DATA STREAM	CLEAR ADAPTION	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB	v v v v v r READ/CLEAR CODE		CLEAR ADAPTION	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower	v v v v r READ/CLEAR CODE		CLEAR ADAPTION	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA/IHKR Regulated Heating and A/C FGB Rear Compartment Blower	v v v v r READ/CLEAR CODE		CLEAR ADAPTION	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003-201	v v v v r READ/CLEAR CODE		CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions	v v v v r READ/CLEAR CODE			ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003-201	v v v v r READ/CLEAR CODE		CLEAR ADAPTION STATUS	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003-201 Practical Functions FUNCTION	v v v v r READ/CLEAR CODE			ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_CT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset	v v v v r READ/CLEAR CODE		STATUS	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration	v v v v r READ/CLEAR CODE		STATUS	ADAPTATION / SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_CT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset	v v v v r READ/CLEAR CODE		STATUS	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation	v v v v r READ/CLEAR CODE		STATUS	ADAPTATION / SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service	v v v v r READ/CLEAR CODE		STATUS	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service	v v v v r READ/CLEAR CODE		STATUS V	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service	v v v v r READ/CLEAR CODE		STATUS	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_CT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU HKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Immobilizer Service	v v v v r READ/CLEAR CODE		STATUS V	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV/VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003-201 Practical Functions FUNCTION Oil Reset DPF Regeneration Full Injector Adaptation Brake Pad Service Battery Service Iimmobilizer Service Iimmobilizer Service Iire Pressure Sensor Service	v v v v r READ/CLEAR CODE		STATUS V	ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS	V V V V V READ/CLEAR CODE V V 0	v v	STATUS		
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU	v v v v r READ/CLEAR CODE	v v	STATUS V	ADAPTATION/SERVICE ADAPTATION/SERVICE	NOTES
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS	V V V V V READ/CLEAR CODE V V 0	v v	STATUS		
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_CT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU HKA / HKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003-201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Irre Pressure Sensor Service DRIVE SYSTEMS ECU DME for M54 / N46 / N52	V V V V V READ/CLEAR CODE V V 0	v v	STATUS		
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_GT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Full Injector Adaptation Brake Pad Service Battery Service Irice Pressure Sensor Service DRIVE SYSTEMS ECU DME for M54 / N46 / N52 Petrol Engine	V V V V V V READ/CLEAR CODE V O READ/CLEAR CODE	DATA STREAM	STATUS	ADAPTATION/SERVICE	
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M54 / N46 / N52 Petrol Engine DDE for N47 / M47 / M57	V V V V V READ/CLEAR CODE V V READ/CLEAR CODE	DATA STREAM	STATUS	ADAPTATION/SERVICE	
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display RIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / HKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for M54 / N46 / N52 Petrol Engine DDE for N47 / M47 / M57 DieselEngine	V V V V V V READ/CLEAR CODE V O READ/CLEAR CODE	DATA STREAM	STATUS	ADAPTATION/SERVICE	
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display IRIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO_CT Video Module Graphics Part VIDEO_TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU HKA / IHKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DFF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME for M54 / N46 / N52 Petrol Engine DDE for N47 / M47 / M57 DieselEngine EGS / AGS	V V V V V READ/CLEAR CODE V V READ/CLEAR CODE	DATA STREAM	STATUS	ADAPTATION/SERVICE	
DSP DSP-booster MID Multi-Information Display FID Rear Multi-Information Display RIS Integrated Radio Information NAV Navigation System NAV JAP Navigation System, Japanese VIDEO GT Video Module Graphics Part VIDEO TV / VID Video Module, TV SES Voice Recognition AIR CONDITIONING ECU IHKA / HKR Regulated Heating and A/C FGB Rear Compartment Blower X3-SERIES, E83 2003- 201 Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Immobilizer Service DRIVE SYSTEMS ECU DME for M54 / N46 / N52 Petrol Engine DDE for N47 / M47 / M57 DieselEngine	V V V V V READ/CLEAR CODE V V READ/CLEAR CODE	DATA STREAM	STATUS	ADAPTATION/SERVICE	

EWS Immobilizer	v	/	✓ (DME/DDE Sync)	
GR2 Cruise Control	<u> </u>			
VTG Transfer Case	<i>y</i>	·	<u> </u>	
EKPS Fuel-Pump Control	,			
DME clear adaption / adaption, fund	ctions list: (Some functions	are optional because of the default factory sett	ing)	
All adaption DME adaption, functions list: (Som	e functions are optional bec	ause of the default factory setting)		
Idle speed control Learning Valvetronic limit positions	S			
Minimum Stroke Adjustment VANOS test				
DDE adaption, functions list: (Some	e functions are optional beca	use of the default factory setting)		
Idle speed control Injector rate adjustment				
Balance test Air-mass flow sensor adaptation				
Quantity mean-value adaptation Starting fuel delivery				
Limitation delivery				
Injection rate fuel system bleeding				
Consumption calculation Read measured values				
EGS adaptation, functions list: (Son Oil change	ne functions are optional be	cause of the default factory setting)		
VTG service, functions list: (Some:	functions are optional becau	se of the default factory setting)		
Oil change Repair				
(1).Replace classification resistor (2).Replace transfer case actuator				
(3).Replace transfer box (4).Replace VTG control				
(5).Enter wear values in new VTG of	control			
	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC Automatic Stability Control Dynamic Stability Control	V	,	•	
EHC Electronic Ride-Height Control	V	v		
RDC Tyre Pressure	V	V		
LWS / LEW Steering Angle Sensor	V			
SVT Servotronic	V	V		
DSC, functions list: (Some function Adjustment, steering angle sensor	s are optional because of the	e default factory setting)		
BODY ECU	DEAD/CLEAD CODE	DATA STREAM CLEAR ADAPTION	ADADTATION / SEDVICE	NOTES
SRS Airbag	V		ADAI TATION/ SERVICE	NOTES
IKE / IKI / KOMBI Instrument cluster	•			
PDC		<u> </u>		
Park Distance Control LCM / LM		<u> </u>		
Light Check Module ZKE	<u> </u>	<u> </u>		
Central Body System SZM	<u> </u>	<u> </u>		
Switching Center XENON, Left	<u> </u>	<u> </u>		
Left Xenon XENON, Right	<u> </u>	<u> </u>		
Right Xenon AIC / RLS	<u> </u>	<u> </u>		
Rain / Light Sensor	<u> </u>			
MFL Multi-functional Steering Wheel SHD		<i>V</i>		
Sunroof SM	<u> </u>	<u> </u>		
Seat Memory SMF	V	V		
Seat Memory, Driver Side SMB		<u> </u>		
Seat Memory, Passenger Side CCM		V		
Check Control		<u>v</u>		
FBZV Remote Control for Central Lock		V		
HKM Trunk Lid Module		V		

SBE2 Seat Occupation Detection					
SPMBT		V			
Mirror Memory, Passenter Side SPMFT		<i>v</i>			
Mirror Memory, Driver Side		V			
STH Additional Heater		v			
LWS Steering Angle		V			
ELV Electric Steering		v			
LRA Headlight Vertical Aim Control	V	V			
AHL Adaptive Directinal Headlights	V	V			
SBBF Seat occupancy, passenger	v	v			
INFORMATION AND COMMU		DATA CTDEAM	CLEAD ADARTION	ADAPTATION / SERVICE	NOTES
RAD			CLEAR ADAPTION	ADAPTATION/SERVICE	NOTES
Radio BIT	<u> </u>	<u> </u>			
Basis-Interface Telephone BMBT	<u> </u>	<u> </u>			
On-Board Monitor DSP	<u> </u>		_		
DSP-booster MID	<u> </u>				
Multi-Information Display	<u> </u>				
FID Rear Multi-Information Display	_				
IRIS Integrated Radio Information	<u>, </u>				
NAV Navigation System	<i>,</i>				
NAV JAP	<i>,</i>				
Navigation System, Japanese VIDEO_GT Video Module Cropping Port					
Video Module Graphics Part VIDEO_TV / VID	<u> </u>				
Video Module, TV SES	<u> </u>				
Voice Recognition AIR CONDITIONING	<u> </u>				
ECU IHKA/IHKR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Regulated Heating and A/C FGB	<u> </u>	<i>V</i>			
Rear Compartment Blower					
V1 CEDIEC EQ4 2000 20	<i>V</i>	<u> </u>			
X1-SERIES, E84 2009 – 20 Practical Functions		<i>V</i>			
Practical Functions FUNCTION		<i>y</i>	STATUS		
Practical Functions FUNCTION Oil Reset DPF Regeneration		<i>'</i>	<i>V</i>		
Practical Functions FUNCTION Oil Reset			V		
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation		V	<i>V</i>		
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service		V	v v v		
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU	15	DATA STREAM	V V V	ADAPTATION / SERVICE	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20	READ/CLEAR CODE	DATA STREAM	V V V CLEAR ADAPTION		NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE	15	DATA STREAM	V V V	ADAPTATION/SERVICE	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine	READ/CLEAR CODE	DATA STREAM	V V V CLEAR ADAPTION		NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47	READ/CLEAR CODE	DATA STREAM	V V V CLEAR ADAPTION		NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS	READ/CLEAR CODE	v	V V V CLEAR ADAPTION V	v	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine ECGS Auto Transmission EKPS Fuel-Pump Control CAS	READ/CLEAR CODE	v	V V V CLEAR ADAPTION V	v v	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG	READ/CLEAR CODE	v v v	V V V CLEAR ADAPTION V	✓ ✓ ✓ (DME/DDE Syne)	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine ECGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS	READ/CLEAR CODE	v v v	V V V CLEAR ADAPTION V	v v	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS Gear Selector Switch DME adaptation, functions list: (Se	READ/CLEAR CODE	v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Syne)	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS Gear Selector Switch	READ/CLEAR CODE	v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Syne)	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS Gear Selector Switch DME adaptation, functions list: (Scidle speed control Learning Valvetronic limit position CO Adjustment	READ/CLEAR CODE	v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Syne)	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME M46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS Gear Selector Switch DME adaptation, functions list: (Scidle speed control Learning Valvetronic limit positior CO Adjustment Consumption Indicator Minimum Stroke Adjustment	READ/CLEAR CODE	v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Syne)	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS Gear Selector Switch DME adaptation, functions list: (So Idle speed control Learning Valvetronic limit positior CO Adjustment Consumption Indicator	READ/CLEAR CODE	v v v	CLEAR ADAPTION V V	✓ ✓ ✓ (DME/DDE Syne)	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / N52 / N55 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS Gear Selector Switch DME adaptation, functions list: (So idle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Injector rate adjustment Injector rate adjustment Bleeding coolant system Diagnosis module for tank leakage	READ/CLEAR CODE	v v v ecause of the default	CLEAR ADAPTION V factory setting)	✓ ✓ ✓ (DME/DDE Syne)	NOTES
Practical Functions FUNCTION Oil Reset DPF Regeneration Fuel Injector Adaptation Brake Pad Service Battery Service Immobilizer Service Tire Pressure Sensor Service DRIVE SYSTEMS ECU DME N46 / NS2 / NS5 / N20 Petrol Engine DDE N47 DieselEngine EGS Auto Transmission EKPS Fuel-Pump Control CAS Car Access VTG Transfer Case GWS Gear Selector Switch DME adaptation, functions list: (So Idle speed control Learning Valvetronic limit position CO Adjustment Consumption Indicator Minimum Stroke Adjustment Injector rate adjustment Bleeding coolant system	READ/CLEAR CODE	v v v ecause of the default	CLEAR ADAPTION V factory setting)	✓ ✓ ✓ (DME/DDE Syne)	NOTES

Adaptations				
Balance test				
Exhaust-gas recirculation				
Idle speed control Starting fuel delivery				
fuel system bleeding				
Consumption calculation				
Read measured values	6 6 11			
EGS adaptation, functions list: (Sor Reset learning functions	me functions are optional be	cause of the default factory setting)		
CHASSIS				
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC Dynamic Stability Control	v			
EPS	<u> </u>			
Electric Power Steering	v	V	V	
BODY ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM	READ/CLEAR CODE	DATA STREAM CLEAR ADAITION	ADAITATION/ SERVICE	NOTES
Crash Safety Module / Safety				
Info KOMBI	<u> </u>			
Instrument cluster	✓	V		
PDC Park Distance Control	/	V		
FZD				
Function Center, Roof SMFA	V	V	V	
Seat Module, Driver	V	V		
SMBF Seat Module, Passenger	v	V		
ULF-SBX-H	•			
Interface Box, High Version	<i>v</i>	V		
FRM / KBM Footwell / Body Basic Module	~	V		
FLA				
High Beam Assist AHM	<u> </u>			
Trailer Module	v			
RLS Rain Sensor	v	_		
INFORMATION AND COMMU				
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM Safety and Gateway Module				
Junction-Box Electronics				
Body Gateway Module CDC	<u> </u>	<u> </u>		
CD Changer	v			
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO				
Control Display / User Interface	v	V		
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-	_			
GW				
Gateway CID	<u> </u>	<u> </u>		
Cnetral Information Display	V	V		
CON Controller	v	<u>, </u>		
TCU/ULF				
Telephone Control Unit / Universal Bluetooth Hands-Free				
System	V	V		
AMP Amplifier	V	<u> </u>		
CA				
Comfort Access DAB	V	V		
Digital Tuner	V			
AIR CONDITIONING	DD - D - C - C - C - C - C - C - C - C -			N.O. WYO.
ECU IHKA/IHKR	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Regulated Heating and A/C	v	V	✓	
Z-series				
Z4-SERIES, E89 2009 – 201	15			
Practical Functions		OW F WALL		
FUNCTION Oil Reset		STATUS		
DPF Regeneration				
Fuel Injector Adaptation		V		
Brake Pad Service Battery Service				
Immobilizer Service		<u> </u>		
Tire Pressure Sensor Service				
DRIVE SYSTEMS ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
	THEODY CLEAR CODE	DATA STREAM CLEAR ADAFTION	ADALIATION / SERVICE	TOTES
DME				
	,	,,		

GRANGE CORRECTION SWITCH A CORRECTION OF THE COR	EGS				
ENES WERE August of the control of t	Auto Transmission GWS	<u>/</u>	<i>V V</i>	<u> </u>	
First Pamp Centred CAS CAS CAS CAS CAS CAS CAS CA		<u> </u>	V		
MAX AUX Tarkf Alarm Var Acres Var (DME-ODE Syste) Mile adaption, floraciona litt (Some functions are optional become of the definite factory setting) Mile adaptions (Incidence litt (Some functions are optional become of the definite factory setting) Mile adaptions (Incidence litt (Some functions are optional become of the definite factory setting) Mile adaptions (Incidence little (Some functions are optional become of the definite factory setting) Mile adaptions (Incidence little (Some functions are optional becomes of the definite factory setting) Mile adaption factory (Mile adaptional South (South (Sou	15	,	~		
CAS	DWA				
Mile appeal contents (all expend contents are explored because of the default factory setting) life speed contents of the default factory setting) life speed contents of the default factory setting of the default fact		<u>/</u>	<u> </u>		
All ground controls from positions CO Adjustment CO Adjustment CO Adjustment Section and Adjustment Impacts rate adj			•	✓ (DME/DDE Sync)	
Jaming Makeronic limit positions		ne functions are optional be	cause of the default factory setting)		
Commungs beloated Minimum Stock Adjustment					
Minimum Stoke Adjustment Hedding colorist visitions Hedding Coloris visitio					
Billocoting coloration state deligenteems					
Disagnosis module for task leakagey (IRA only)	Injector rate adjustment				
EGS adaptation, functions list (Some functions are optional because of the default factory setting) REASTS CHASSIS CHASSIS CHASSIS CHASSIS CHASSIS CHASTIS CH		(ISA only)			
ELIANSINS ECU READCLEARCODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES DNC Dynamic Stability Control V V V V V V V V V V V V V V V V V V V			cause of the default factory setting)		
RECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES Dynamic Stability Countral Dynamic Stability Countral Per Province Per Province	Reset learning functions				
DSC Pranamic Stability Control RDC RDC RDC REAPSSEARC PARAME PROVES SECRING EMERY STATE EMERY STATE PARAME PRANCE PARAME PRANCE PARAME PRANCE READCLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES CRASS Aftery Module Multiple Exertaint System Society Information PROVES SECRIFICATION PARAMETER STATE PROVINCE TO THE PROVINCE SECRIFICATION PROVINCE SECRIFICATION PROVINCE SECRIFICATION READ CLEAR CODE READ CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES READ CLEAR Module, Province Initialization CONTROL TO THE PROVINCE SECRIFICATION READ CLEAR MODELS READ CLEAR CODE READ CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES READ CLEAR CODE READ CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES READ CLEAR CODE READ CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES READ CLEAR CODE READ CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES READ CLEAR CODE READ CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES READ CLEAR CODE READ CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES CODE CODE CONTROL STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES CODE CONTROL STREAM CLEAR CODE READ CLEAR CODE RE		READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
REC ITER Pressure PES PES PARIS TREATE PARIS TRACE PARIS TRACE POD TOUTON BOTH TO THE PROPERTY OF THE	DSC				
Title Pressure	Dynamic Stability Control RDC		<u> </u>		
Electric Power Steering	Tire Pressure	/	V		
ENF EDC Demogre Control Demogra Control Unif Universal Business Control Demogra Control Demogr		·	~		
EDC Bamper Control ### ADDITION PARTITION PARTITI	EMF				
Damper Control BODY RCU RED READCLEARCODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES ACKNI /MRK/SIM Crask Safety Module Multiple Retraint System Safety and Control Safety Information V V PIC PRAY Distance Control V V Initialization SMBA SWA SWA SWA SWA SWA SWA SWA SWA SWA SW	Parking Brake EDC				
RECU READCLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES ACKNI MIRKS SIM Crash Safety Module Multiple Restraint System Safety Information W W W W W PDC Park Distance Control W W SMIPA SER Module, Priver W Initialization W W SMIPA W W W SMIPA W W SMIPA W W W SMIPA W W SMIPA W W W SMIPA W W Initialization Initialization Initialization Initialization Initialization Initialization Initialization Initializa	Damper Control	V	V		
ACKINY MISC SIM Grash Safety Module Multiple Restraint System Statety Information V V SIVE Park Distance Control SW IA	BODY ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Matiple Restraint System KOMB1 Instrument cluster PDC PPC PPC Sext Distance Control V V Initialization SMBF S	ACSM / MRS / SIM	READ/CEE/IR CODE	DATA STREAM CEEM ADM TION	ADAI TATION, SERVICE	NOTES
Safety Information V V NOMB Instrument cluster V Park Distance Control WIFA Seat Module, Passenger V Initialization V V Note Module, Passenger V Initialization V V NOTE (TM Convertible Top V V NOTE (TM Convertible Top V V NOMB V NOTE (TM Convertible Top V V NOMB NOMB V NOMB NOMB NOMB NOMB NOMB NOMB NOMB NOMB					
Instrument cluster	Safety Information	/	V		
PDC Park Distance Control V NNFA SMRY SEAT Module, Priver V Initialization SMBF SEAT Module, Passenger V Initialization CVM / CTM Convertible Top V V SCON / TSM SEAT Would, Passenger V Initialization SEAT SATURE / KCM SATU	_	,	V		
SNET Module, Driver	PDC				
Seat Module, Parsenger		<u>/</u>	<u> </u>		
Seat Module, Passenger	Seat Module, Driver	/	V	Initialization	
CMM / CFM Convertible Top		,	~	Initialization	
FRM / KBM Feotvell Module JACM / JBE / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module Junction-box Electronics Junction-box Electronics Junction-box Electronics Rain Sear	CVM / CTM				
Footwell Module SAGM / JBF / KGM Safety and Gateway Module Junction-box Electronics Body Gateway Module FLA High Beam Assist V V RIS RIS RIS SRIN Sensor V V INFORMATION AND COMMUNICATION ECU CD Changer DVDC DVD Changer V DVD Changer V CON CONTO Display User Interface CD-GW / M-ASK-BO Control Display User Interface CON CON CONCONCOLOR CONCONCOLOR CONCOLOR CONTO USE CONCOLOR C	Convertible Top FRM / KBM	<u>/</u>	<u> </u>	<u> </u>	
Safety and Gateway Module Junction-box Electronics Body Gateway Module V V Initialization FLA High Beam Assist V V KILS RLS RLS Sarin Sensor V V SINE SINE SINE SINE SINE SINE SINE SINE	Footwell Module	<u> </u>	V		
Body Gateway Module	SZGM / JBE / KGM Safety and Gateway Module				
FLA High Beam Assist RIS Rain Sensor RIS SINE Siren with Tilt Sensor V WINFORMATION AND COMMUNICATION ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES CDC CDC CD CA CDATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES CD CAAD / MBO / CCC-BO / CCAAP ADAP / MBO / CCC-BO / CCAAP ADAB / MBO / CCC-BO / CCAAP ADAP / MBO / CCC-BO / CCAAP / CCAAP	Junction-box Electronics	,		Initialization	
RLS Rain Sensor Siren with Titt Sensor WINFORMATION AND COMMUNICATION ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION/SERVICE NOTES CDC CDC OVD C OVD Changer V CD CAN CON Control Display CON Control Unit / Universal Bluetooth Hands-Free System Amplifier CA Comfort Access V V V V CA Comfort Access V V V V CA Comfort Access V V V V V V V V V V V V	FLA	<u> </u>	<u> </u>	initianzation	
Rain Sensor Siren with Tilt Sensor W Siren W Siren with Tilt Sensor W		<u> </u>	<u> </u>		
Siren with Titt Sensor	Rain Sensor	/	V		
NFORMATION AND COMMUNICATION ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD CD C CD C CD C CD	SINE Sixon with Tilt Songon	,			
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES CDC CDC Changer V CDC Changer V CDC Changer V CDRAD/MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW /M-ASK-GW / RAD2GW / CCC-GW / CHAMP- GW Gateway CID Control Information Display CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP Amplifier CA Ca Comfort Access V DAB Digital Tuner			•		
CD Changer	ECU 1		DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DVDC DVD Changer V CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface V RAD2GW / CCC-GW / CHAMP- GW Gateway V CID Cnetral Information Display V CON Controller V V CIU/ ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP AMP AMP AMP CCA CCA Comfort Access V V DAB Digital Tuner V CON		<u>/</u>			
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO Control Display / User Interface CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP- GW Gateway CID Cnetral Information Display CON Controller CON Controller TCU / ULF Telephone Control Unit / Universal Bluetooth Hands-Free System AMP AMP AMP AMP AMP AMP AMP AMP AMP AM	DVDC				
Control Display / User Interface	CD / RAD / MBO / CCC-BO /	,			
CD-GW/M-ASK-GW/ RAD2GW/CC-GW/CHAMP- GW Gateway	CHAMP-BO / M-ASK-BO Control Display / User Interface	,	V		
GW Gateway	CD-GW / M-ASK-GW /		•		
Gateway					
Cnetral Information Display	Gateway	<u> </u>	V		
CON Controller	CID Cnetral Information Display	·			
ICU/ULF Telephone Control Unit / Universal Bluetooth Hands-Free System	CON				
Telephone Control Unit / Universal Bluetooth Hands-Free System					
System	Telephone Control Unit /				
AMP Amplifier		·	~		
CA Comfort Access	AMP				
Comfort Access DAB Digital Tuner					
Digital Tuner 🗸	Comfort Access	/	V		
		·			
	VM				
	Video Module MASK-NAV / CNAV / JNAV /				
KNAV	KNAV	,			
Navigation System V	Navigation System	V			

ULF-SBX-H				
Interface box, High Version AIR CONDITIONING	<u> </u>	<u> </u>		
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR Regulated Heating and A/C	v	V	V	
Z4-SERIES, E85(roadster)	/ E86 (Coupé) 2002 – :	2011		
Practical Functions FUNCTION		STATUS		
Oil Reset		V		
DPF Regeneration Fuel Injector Adaptation		V		
Brake Pad Service Battery Service				
Immobilizer Service		V		
Tire Pressure Sensor Service DRIVE SYSTEMS				
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME N46 / N52 / M54 / S54				
Petrol Engine EGS	<i>v</i>	<u> </u>	<u> </u>	
Auto Transmission	v	<i>v v</i>		
EWS Immobilizer	V	_	✓ (DME/DDE Sync)	
EKPS Fuel-Pump Control	V	v		
DME adaptation, functions list: (So		ecause of the default factory setting)		
Idle speed control Learning Valvetronic limit position	ns .			
Minimum Stroke Adjustment				
CHASSIS ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC		TOTAL SERVICION TION	THE THIRTY SERVICE	
Automatic Stability Control Dynamic Stability Control	v	V		
RDC Tire Pressure Control	v	·		
ELV				
Electronic Steering LWS	<u> </u>			
Steering Angle BODY	<i>V</i>	<u> </u>		
ECU	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS Airbag	V	V		
SBSL SRS / Airbag, B-Pillar Left	v	<u> </u>		
SBSR	v	V		
SRS / Airbag, B-Pillar Right STVL	<u>v</u>			
SRS / Airbag, Front Left Door STVR	<u> </u>	<u> </u>		
SRS / Airbag, Front Right Door ACSM / MRS / SIM	<u> </u>	<i>V</i>		
Crash Safety Module				
Multiple Restraint System Safety Information	V	,		
IKE / IKI / KOMBI Instrument cluster	V	·		
LCM / LSZ	•			
Light Check Module ZKE	<u> </u>	<u> </u>		
Central Body System CVM / CTM	<i>v</i>	<u> </u>		
Convertible Top PDC	V	<u> </u>		
PDC Park Distance Control	V	V		
MFL				
Multi-functional Steering Wheel		<u> </u>		
Rain / Light Sensor	V	V		
SZM Switching Center	V	V		
SBBF Seat occupancy, passenger	v	V		
INFORMATION AND COMMU	INICATION			
ECU RAD	READ/CLEAR CODE	DATA STREAM CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Radio	V	<u> </u>		
BIT/TEL Basis-Interface Telephone	V	V		
BMBT Onboard-Monitor	V			
DSP	<u>, </u>			
Digital Sound Processor NAV				
	V	v		

SES					
Language-Input System VIDOE GT	<u> </u>				
Video Module, Graphics VIDOE TV	<u> </u>				
Video Module, TV AIR CONDITIONING	<u> </u>				
ECU IHKA/IHKR	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Regulated Heating and A/C	V	V			
Z3-SERIES, E36/4 1996 – 2 Practical Functions	2002				
FUNCTION FUNCTION			STATUS		
Oil Reset DPF Regeneration			V		
Fuel Injector Adaptation					
Brake Pad Service Battery Service					
Immobilizer Service			V		
Tire Pressure Sensor Service DRIVE SYSTEMS					
ECU DME	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Petrol Engine	V	V	v	V	
EGS Auto Transmission	V	V	V		
EWS Immobilizer	v	V		✓ (DME/DDE Sync)	
GR2 Cruise Control	V				
TOENS	•				
Thermal Oil Level Sensor DME clear adaption / adaption, fur	nctions list: (Some functions	are optional because	of the default factory set	ting)	
All adaption CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC Automatic Stability Control					
Dynamic Stability Control BODY	V	V			
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS Airbag	V	V			
IKE / IKI / KOMBI Instrument cluster	V	V			
ZKE Central Body System	·				
CVM					
Convertible Top PDC	<u> </u>	√			
Park Distance LWS	<u> </u>	<i>V</i>			
Steering Angle LCM/LSZ	V				
Light Check Module	V	V			
INFORMATION AND COMMU ECU		DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD Radio	v	v			
BMBT	•				
On-Board Monitor MID	<u> </u>				
Multi-Information Display IRIS	<u> </u>				
Integrated Radio Information AIR CONDITIONING	<u> </u>				
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR Regulated Heating and A/C	v	v			
Z8-SERIES, E52 1999- 200					
Practical Functions FUNCTION			STATUS		
Oil Reset			V		
DPF Regeneration Fuel Injector Adaptation					
Brake Pad Service Battery Service					
Immobilizer Service			V		
Tire Pressure Sensor Service DRIVE SYSTEMS					
ECU DME for S62	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
Petrol Engine	V	V	V	v	
EGS Auto Transmission	V	V	V		
EWS Immobilizer	V	v		✓ (DME/DDE Sync)	
DME clear adaption / adaption, fur		are optional because	of the default factory set		
All adaption CHASSIS					

ECU	READ/CLEAR CODE	DATA STREAM	CLEAR A	ADAPTION	ADAPTATIO	N / SERVICE	NOTES
ABS / ASC / DSC							
Automatic Stability Control							
Dynamic Stability Control	V	V					
ELV							
Electronic Steering	V						
RDC							
Tyre Pressure	✓	✓					
LWS / LEW							
Steering Angle Sensor	V						
BODY							
ECU	READ/CLEAR CODE	DATA STREAM	CIEAD	ADAPTION	ADAPTATIO	N / SEDVICE	NOTES
SRS	READ/CLEAR CODE	DATA STREAM	CLEAR	ADAI HON	ADALIATIO	N/SERVICE	NOTES
Airbag	V						
IKE / IKI / KOMBI		<i>V</i>					
		,					
Instrument cluster	✓	<i>V</i>					
PDC							
Park Distance Control	✓	V					
LCM / LM							
Light Check Module	V	✓					
ZKE							
Central Body System	✓	✓					
CVM / CTM							
Convertible Top	✓	V					
INFORMATION AND COMM							
ECU	READ/CLEAR CODE	DATA STREAM	CLEAD	ADAPTION	ADAPTATIO	N / SERVICE	NOTES
RAD	READ/CLEAR CODE	DATA STREAM	CLEAR	IDAI HON	ADALIATIO	IV, DERVICE	HOTES
RAD Radio	.,	~					
	<i>V</i>	•					
BIT							
Basis-Interface Telephone	✓	<i>V</i>					
BMBT							
On-Board Monitor	✓						
DSP							
DSP-booster	V						
NAV							
Navigation System	<i>V</i>						
NAV JAP							
Navigation System, Japanese	✓						
AIR CONDITIONING							
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR	ADAPTION	ADAPTATIO	N / SERVICE	NOTES
IHKA / IHKR	READ, CEETIN CODE	D.III.I D.III	CDD: III	IDITI IIOI		TO DERVICE	110125
Dogulated Heating and A/C	.,	.,					
Regulated Heating and A/C	V	V					
Regulated Heating and A/C CBS SERVICE RES		V					
		v					
		<i>V</i>					
		E6					
		E6					
		E6 5/E	E90/E91				
		E6 5/E 66/					
CBS SERVICE RES		E6 5/E 66/ E6	/E92/E9	X5-E70	X6-E71/E72	Z4-E89	X1-E84
CBS SERVICE RES	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3		X6-E71/E72	Z4-E89 V	
CBS SERVICE RES	SET	E6 5/E 66/ E6 7/E E81/E82/E87/	/E92/E9 3	X5-E70 V			X1-E84 •
CBS SERVICE RES	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3			V	V
CBS SERVICE RES	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/ /E92/E9 3 /	V	V	v	v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V	/E92/E9 3 V	<i>y</i>	<i>V</i>	V V	<i>V</i> <i>V</i>
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	V V V	v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V	/E92/E9 3 ~ ~	<i>y</i>	<i>V</i>	V V	<i>V</i> <i>V</i>
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	V V V	v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Fitted)	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	V V V	v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V V V V V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Fitted)	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V V V V V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V V V V V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V V V V V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v
CONTROL FUNCTION E60/E61 Engine Oil Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted)	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V V V V V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v
CONTROL FUNCTION E60/E61 Engine Oil Front Brakes Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time COSTROL E60/E61 E70/E61	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V V V V V V V V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted)	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88 V V V V V V V V V V	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Forth Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	V V V V V V V V V V V V V V V V V V V	v v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Front Brakes Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Inspe	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 ~ ~	v v	<i>V V</i>	v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Front Brakes Front B	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	V V V V V V V V V V V V V V V V V V V	v v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Frake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission	E63/E64	E6 5/E 66/ E6 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	V V V V V V V V V V V V V V V V V V V	v v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Spark Plugs (if fitted) Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Inspection	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	V V V V V V V V V V V V V V V V V V V	v v v v	v v v v v
CONTROL FUNCTION E60/E61 Engine Oil Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check Vehicle Check	E63/E64	E6 5/E 66/ E6 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	V V V V V V V V V V V V V V V V V V V	v v v v	v v v v
CONTROL FUNCTION E60/E61 Engine Oil Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check Vehicle Check	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	V V V V V V V V V V V V V V V V V V V	v v v v	v v v v v
CONTROL FUNCTION E60/E61 Engine Oil For Rear Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check EQUIPMENT FUNCE CONTROL EMALE EQUIPMENT FUNCE CONTROL EMALE EMALE COOLANT COOLA	E63/E64 V V V V CTION SETUP	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	v v v	V V V V V V V V V V V V V V V V V V V	v v v v v
CONTROL FUNCTION E60/E61 Engine Oil Front Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check Vehicle Check Vehicle Vehicle Check Vehicle Control Vehicle	E63/E64 V V V V CTION SETUP	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 V V V V V V V V V V V V V V V V V V	v v	v v v	V V V V V V V V V V V V V V V V V V V	v v v v v
CONTROL FUNCTION E60/E61 Engine Oil For Rear Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check EQUIPMENT FUNCE CONTROL EMALE EQUIPMENT FUNCE CONTROL EMALE EMALE COOLANT COOLA	E63/E64 V V V CTION SETUP	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3	v v	v v v	VEHICLE TYPE E60/E61/E63/E64/E65/E66/E	V V V V V V 68/E81/E82/E87/E88/E90/
CONTROL FUNCTION E60/E61 Engine Oil For Rear Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check EQUIPMENT FUNCE CONTROL EMALE EQUIPMENT FUNCE CONTROL EMALE EMALE COOLANT COOLA	E63/E64 V V V CTION SETUP	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3	v v	v v v	V V V V V V V V V V V V V V V V V V V	68/E81/E82/E87/E88/E90/
CONTROL FUNCTION E60/E61 Engine Oil Pront Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check FUNCTION	E63/E64 V V V CTION SETUP	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3	v v	v v v	V V V V V V V V V V V V V V V V V V V	68/E81/E82/E87/E88/E90/ 1/E72/Z4-E89/X1-E84 87/E88/E90/E91/E92/E93/
CONTROL FUNCTION E60/E61 Engine Oil For Rear Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check EQUIPMENT FUNCE CONTROL EMALE EQUIPMENT FUNCE CONTROL EMALE EMALE COOLANT COOLA	E63/E64 V V V CTION SETUP	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3		V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	68/E81/E82/E87/E88/E90/ 1/E72/Z4-E89/X1-E84 87/E88/E90/E91/E92/E93/
CONTROL FUNCTION E60/E61 Engine Oil Pront Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check FUNCTION	E63/E64 V V V CTION SETUP	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	v v v v v v v v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	V V V V V V V V V V V V V V V V V V V	68/E81/E82/E87/E88/E90/ 1/E72/Z4-E89/X1-E84 87/E88/E90/E91/E92/E93/ X1-E84
CONTROL FUNCTION E60/E61 Engine Oil Pront Brakes Rear Brakes Brake Fluid Coolant (if fitted) Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Microfilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check EQUIPMENT FUNCTION Battery	E63/E64 V V V CTION SETUP S 1	E6 5/E 66/ E6 68 E88 V V V V V V V V V V V V V V V V V	/E92/E9 3 VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	nternal ELV facess System (6	wilt count CAS) reset	VEHICLE TYPE E60/E61/E63/E64/E65/E66/E 91/E92/E93/X5-E70/X6-E7 E60/E61/E63/E64/E65/E66/E	68/E81/E82/E87/E88/E90/ 1/E72/Z4-E89/X1-E84 87/E88/E90/E91/E92/E93/ X1-E84
CONTROL FUNCTION E60/E61 Engine Oil Properties Particle Filter (Diesel Particle Filter (Diesel Engine Only, if fitted) Setting Time Whicrofilter (if fitted) Vehicle Inspection Exhaust Emission Inspection Vehicle Check EQUIPMENT FUNCTION	E63/E64 V V V CTION SETUP S 1	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	/E92/E9 3 VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	nternal ELV facess System (6	wilt count CAS) reset	V V V V V V V V V V V V V V V V V V V	68/E81/E82/E87/E88/E90/ 1/E72/Z4-E89/X1-E84 87/E88/E90/E91/E92/E93/ X1-E84

	DKG transmission control adjustment DKG repair operation note	
	Transmission adaptation	
	Clutch adaptation	
	Teach in valve characteristic curve Oil balancing (fluid balance compensation)	
	Resettorque characteristic curve	
	Parking lock hook test	
	Parking lock function check	
	Adjust the mechatronics data, The transmission data for the existing mechatronics is read out and stored after replacement in	
	the new mechatronics	
SMG/DKG Transmission Control (adjustment/initialization)		E90/E91/E92/E93
	A. SMG transmission control replacement and repair	
	B. SMG transmission control adjustment	
	Bleed hydraulic system Recalibration, transmission	
	Teach in transmission	
	Reset clutch characteristic	E60/E61/E63/E64/E90/E91/E92/E93
		E65/E66/E68 E81/E82/E87/E88
		X5-E70
	Oil Change	X6-E71/E72
		X1-E84
EGS/SMG/DKG service functions		Z4-E89 E90/E91/E92/E93 (N55 Engine)
		X5-E70 (N55 Engine)
EGS service function	Oil level adjustment	X6-E71/E72 (N55 Engine)
		E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
Injector Rate Adjustment		E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84/X3- E83
anjotter Auto raquament	Replacement, particulate filter	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
Particulate Filter	2. Regeneration, particulate filter	E91/E92/E93/X5-E70/X6-E71/E72/X1-E84
		X3-E83/X5-E53/E60/E61/E90/E91/E92/E93/X5-
VTC Corrigo Eurotion	2. Repair 1. Calibration	E70/X6-E71/E72/X1-E84
VTG Service Functions		X5-E70(N55)/X1-E84 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
Exhaust-Gas Recirculation		E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/X3-E83
	Regeneration, nitrogen oxide catalytic converter	
Nitrogen Oxide Catalytic Converter	Replacement, nitrogen oxide catalytic converter	E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93
		E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
Bleeding Coolant System	Bleeding coolant system	E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
		E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-
Diagnosis Module For Tank Leakage (USA only)	Diagnosis module for tank leakage (DMTL)	E84/E39/E46/E53
SCR System (USA only)	SCR activations and adjustments	E90/E91/E92/E93/X5-E70
	and entire the state of the sta	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
CBS Functionality, Engine Oil, Disturbed	CBS functionality, engine oil, disturbed Only perform function test	E91/E92/E93/X5-E70
CBS Functionality, Engine Oil, Disturbed	1. Only perform function test 2. Replace actuator motor	E91/E92/E93/XS-E70
CBS Functionality, Engine Oil, Disturbed	Only perform function test Replace actuator motor Replace control unit	E91/E92/E93/XS-E/0
CBS Functionality, Engine Oil, Disturbed	Only perform function test Replace actuator motor Replace control unit Replace control unit + actuator motor	E91/E92/E93/XS-E/0
CBS Functionality, Engine Oil, Disturbed	Only perform function test Replace actuator motor Replace control unit Replace control unit + actuator motor Replace gearbox	E91/E92/E93/XS-E/0
CBS Functionality, Engine Oil, Disturbed QMVH Service Functions	Only perform function test Replace actuator motor Replace control unit Replace control unit + actuator motor Replace gearbox Replace gearbox + control unit	E91/E92/E93/XS-E/0 X6-E71/E72
QMVH Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
QMVH Service Functions Steering Angle	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/
QMVH Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
QMVH Service Functions Steering Angle	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89
QMVH Service Functions Steering Angle	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor zero point Learn sensor parameters	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit 4. Replace control unit 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. Calibration of DSC sensor 2. Calibration, DSC unit	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit 4. Replace control unit 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. Cill control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E65/E66/E68
OMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Fyre Defect Indicator	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 Z5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E65/E66/E68
OMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Fyre Defect Indicator	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 Z5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72
OMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Start Start up 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper control	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72 E65/E66/E68/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions Fyre Pressure Control Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper calibration 1. Initialisation of tyre pressure control	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89 E60/E61/E63/E64
OMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Start Start up 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper control	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E61/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions Fyre Pressure Control Service Functions Adaptive Drive Service Function	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. Cild control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper calibration 1. Initialisation of tyre pressure control 1. Vertical Dynamics Management function	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E85/E66/E68/X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E85/E66/E68/X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E85/E66/E68/X5-E70/X6-E71/E72 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64/E85/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64/E85/E66/E68/E90/E91/E92/E93/X5-E70/X6-E71/E72 E60/E61/E63/E64/E85/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 E80/E61/E63/E64/E65/E66/E68/E80/E91/E92/E93
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper calibration 1. Initialisation of tyre pressure control	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E61/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Damper Control Service Functions Electronic Damper Control Service Functions Tyre Pressure Control Service Functions Adaptive Drive Service Function Car Window Initialize Sliding / Tilting Sunroof Initialize	1. Only perform function test 2. Replace acutator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit 4. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper calibration 1. Vertical Dynamics Management function Window lift initialization set Sliding / Tilting Sunroof Initialize	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E61/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/Z4-E89 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/Z4-E89 E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/Z4-E89
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions Fyre Pressure Control Service Functions Car Window Initialize Sliding / Tilting Sunroof Initialize Failgate push button / Boot lid initialization	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. Cili Control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper calibration 2. Initialisation of tyre pressure control 1. Vertical Dynamics Management function Window lift initialization set Sliding / Tilting Sunroof Initialize Tailgate push button / Boot lid initialization	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E85/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E60/E61/E63/E64/E85/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72/X1-E84/Z4-E89 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/Z4-E89 X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions Electronic Damper Control Service Functions Car Window Initialize Sliding / Tilting Sunroof Initialize	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper control 1. Initialisation of tyre pressure control 1. Vertical Dynamics Management function Normalization, longitudinal seat adjustment, driver's side	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions Fyre Pressure Control Service Functions Car Window Initialize Sliding / Tilting Sunroof Initialize Failgate push button / Boot lid initialization	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. CIM control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper control 1. Initialisation of tyre pressure control 1. Vertical Dynamics Management function Normalization, longitudinal seat adjustment, driver's side	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E60/E61/E63/E64 E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions Electronic Damper Control Service Functions Car Window Initialize Sliding / Tilting Sunroof Initialize Failgate push button / Boot lid initialization Normalization, Longitudinal Seat Adjustment	1. Only perform function test 2. Replace acutuator motor 3. Replace control unit 4. Replace control unit 4. Replace control unit 4. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor parameters Start Startup 1. Normalization 1. Calibration of DSC sensor 2. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper calibration 1. Vertical Dynamics Management function Window lift initialization set Sliding / Tilting Sunroof Initialize Tailgate push button / Boot lid initialization Normalization, longitudinal seat adjustment, driver's side	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E61/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84 E65/E66/E68/X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 Z5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/Z4-E89 X6-E71/E72 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Electronic Damper Control Service Functions Fyre Pressure Control Service Functions Car Window Initialize Sliding / Tilting Sunroof Initialize Failgate push button / Boot lid initialization	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. Cild control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper calibration 1. Vertical Dynamics Management function Window lift initialization set Sliding / Tilting Sunroof Initialize Tailgate push button / Boot lid initialization Normalization, longitudinal seat adjustment, driver's side	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E66/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72
QMVH Service Functions Steering Angle AFS/AL Initialization/Adjustment Parking Brake Service Functions Brake Bleed Routine Dynamic Drive (ARS system) Service Functions Electric Steering-Column Adjustment DSC Service Functions Electronic Height Control Service Functions Tyre Defect Indicator Electronic Power Steering Service Functions Fyre Pressure Control Service Functions Fyre Pressure Control Service Functions Car Window Initialize Sliding / Tilting Sunroof Initialize Failgate push button / Boot lid initialization Normalization, Longitudinal Seat Adjustment Solar Rain / Light Fogging Sensor Initialize	1. Only perform function test 2. Replace actuator motor 3. Replace control unit 4. Replace control unit + actuator motor 5. Replace gearbox 6. Replace gearbox + control unit 1. QMVH startup 7. Action after vehicle programming Steering angle calibration Active steering system initialization/adjustment 1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check Brake bleed routine Learn sensor zero point Learn sensor parameters Start Startup 1. Normalization 1. Clif control unit 1. Calibration of DSC sensor 2. Calibration, DSC unit 1. Ride level adjustment Tyre defect indicator 1. End stop 2. Rear axle shock absorber, 3. Control module for electronic damper control 1. Initialisation of tyre pressure control 1. Vertical Dynamics Management function Window lift initialization set Solar Rain / Light Fogging Sensor Initialize Active backrest width, driver's side, initalization	X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72 X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E65/E66/E68 E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/X5-E70/X6-E71/E72 E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93 X5-E70/X6-E71/E72

		E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X3-E83/X1-
Enable seat Occupancy Mat (US only)	Enable seat occupancy mat	E84
	1. Disable/enable	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
Remote Control / Key	Personalisation number	E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
Rear Seat Entertainment	Teach in radio remote control	X5-E70/X6-E71/E72
	Rear module emergency access	Z4-E89
Retractable Hardtop	Convertible top module service mode	E93
All Round View Camera	Calibrating and teaching system for all-round vision camera	X5-E70/X6-E71/E72
Headlight Cleaning System Service Function	1. Vent SRA	E65/E66/E68
Windscreen Wipers Service Function	Assembly position	E65/E66/E68
		E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
		E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-
Delete Transport Mode	Delete transport mode	E84/E39/E46/X5-E53/X3-E83/Z4-E85/E86
Set Transport Mode	Set transport mode	X5-E53/X3-E83/Z4-E85/E86
	Run-in protection for A/C compressor	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/
IHKA/ IHKR Service Functions	2. Flap motors	E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
FKA Service Function	Drain/fill refrigerant circuit	E65/E66/E68