

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
		Chassis	AL Active steering	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EPS Electronic Power Steering	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
CID Central Information Display	√	√	√	√	√					
CON Controller	√	√	√	√	√					
CVM Convertible-top module	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
1 Series	E81/E82 /E87/E88	Body	DAB Digital tuner	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FRM Footwell Module	√	√	√	√	√		
			FRM2 Footwell module 2	√	√	√	√	√		
			FZD Function centre, roof	√	√	√	√	√		
			IHR Integrated heater control	√	√	√	√	√		
			IHKR Interagted heating/air-conditioning regulation	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			JBE Junction-box electronics	√	√	√	√	√		
			<del>JBE2 Junction box electronics</del>	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			M-ASK-NAV Navigation system	√	√	√	√	√		
			MRS Multiple Restraint system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD Radio	√	√	√	√	√		
			RAD2-BO User interface	√	√	√	√	√		
			RAD2-GW Gateway	√	√	√	√	√		
RLSS Rain/light solar sensor	√	√	√	√	√					
SDARS satellite tuner	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
			SINE Siren with tilt sensor	√	√	√	√	√			
			SMBF Seat module, passenger	√	√	√	√	√			
			SMFA Seat module, driver	√	√	√	√	√			
			TCU Telematic Control unit	√	√	√	√	√			
			ULF Universal charging and hands-free facility	√	√	√	√	√			
			ULF-SBX Interface box	√	√	√	√	√			
			ULF-SBX-H Interface box High	√	√	√	√	√			
		Short test		√	√	√					
		Coding / Program	Maintenance \ CBS Reset							1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
				Driver	DME Digital Motor Electronics	√	√	√	√	√	
EGS Transmission control	√				√	√	√	√			
EWS (Elec. immobilize system)	√				√	√	√	√			

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E30	Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
		Body	ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
URS (Rollover sensor)	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Body	IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		ZCS/FA Coding							1.Display Coding code and print	
		CAR MEMORY\LIGHTING\External lights\Daytime driving light							1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E36	Coding / Program	CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Program	CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
			RDC (Tyre pressure control)	√	√	√	√	√		
		Body	BIT (Basis Interface Telephone)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
3 Series			SMB (Entrance aid,passenger)	√	√	√	√	√		
			SMF (Seat memory,driver)	√	√	√	√	√		
			SPMBT (Mirror memory,passenger)	√	√	√	√	√		
			SPMFT (Mirror memory,driver)	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		ZCS/FA Coding							1.Display Coding code and print	
		ZCS/FA Coding \ Recoding \ ABS							1.ABS 2.LCM/LSZ 3.GM(ZKE)	
		CAR MEMORYLIGHTING\External lights\Daytime driving light							1.Active 2.Not active	
		CAR MEMORYLIGHTING\External lights\Home lights							1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E46	Coding / Program	CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Driver	CAS Car Access System	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			VTC Valvetronic	√	√	√	√	√		
			VTC2 Valvetronic 2	√	√	√	√	√		
			VTG Transfer case	√	√	√	√	√		
		Chassis	AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EDCSHL Damper satellite, rear left	√	√	√	√	√		
			EDCSHR Damper satellite, rear right	√	√	√	√	√		
			EDCSVL Damper satellite, front left	√	√	√	√	√		
			EDCSVR Damper satellite, front right	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			VDM Vertical Dynamics Management	√	√	√	√	√		
			ACSM Crash Safety Module	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			AMPH Hi-Fi amplifier	√	√	√	√	√		
			AMPT Top Hi-Fi amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		
			FKA Rear heater/air conditioning	√	√	√	√	√		

E90/E91  
/E92/E93

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Body	FLA High Beam Assist	√	√	√	√	√		
			FRM2 Footwell module 2	√	√	√	√	√		
			FZD Function centre, roof	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			JBEZ Junction Box electronics	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KHM Headphones module	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RFK Reversing camera	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			RSE Rear Seat Entertainment	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
		SMBF Seat module, passenger	√	√	√	√	√			
		SMFA Seat module, driver	√	√	√	√	√			

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			TCU Telematic Control unit	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
			VSW video switch	√	√	√	√	√		
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset							1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E28	Body	ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
VNC (Variable Camshaft Control)	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions								
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
E34			XEN (XENON LIGHTS)	√	√	√	√	√			
			ZKE (Central body electronic)	√	√	√	√	√			
		Coding / Program	ZCS/FA Coding							1.Display Coding code and print	
	Body	Driver		DME Digital Motor Electronics	√	√	√	√	√		
				EGS Transmission control	√	√	√	√	√		
				EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis		ABS Antilock brake	√	√	√	√	√		
				EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√			
			AHK (Active-Axle Kinematics)	√	√	√	√	√			
			CVM Convertible-top module	√	√	√	√	√			
			DWA Antitheft alarm system	√	√	√	√	√			
			EKM (Electronic Body Module)	√	√	√	√	√			
			EML (Elec. throttle)	√	√	√	√	√			
			FHK (Rear Heater A/C System)	√	√	√	√	√			
			GR (Cruise control)	√	√	√	√	√			
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√			
	IHKA/IHKR (AC/heater)	√	√	√	√	√					
	IKE/IKI/KOMBI	√	√	√	√	√					
	LSZ/LCM (Light switching center)	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
			AIC (Automatic Interval Control)	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Body	BM (On-board monitor)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			NAV Navigation system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SES (Language-input system)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
		ZKE (Central body electronic)	√	√	√	√	√			
		ZCS/FA Coding							1.Display Coding code and print	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
E39			ZCS/FA Coding \ Recoding						1.ABS 2.IHKA 3.LCM/LSZ 4.SRS 5.EWS	
			CAR MEMORY\LIGHTING\External lights\Daytime driving light						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
5 Series		Coding / Program	CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			SMG Sequential Manual Gearbox	√	√	√	√	√		
			ACC Active Cruise Control	√	√	√	√	√		
			ACC2 Active Cruise Control 2	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Chassis	AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			DSC Dynamic Stability Control PLUS	√	√	√	√	√		
			DSC Dynamic Stability Control Premium	√	√	√	√	√		
			EDC Damper Control	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			LDM Longitudinal Dynamics Management	√	√	√	√	√		
			LRR Long-range sensor	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			ACSM Crash Safety Module	√	√	√	√	√		
			AHL Adaptive directional headlights	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			ALBBF active backrest width, front passenger	√	√	√	√	√		
			ALBFA active backrest width, driver	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CIC Car Information Computer	√	√	√	√	√		
			CIC GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			GNSS Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E60/E61	Body	IHKA2 Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			KNAV Navigation system, Japan	√	√	√	√	√		
			KBM Body Basic Module	√	√	√	√	√		
			KGM Body Gateway Module	√	√	√	√	√		
			KHI Headset interface	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			LM2 AHL2 Light module 2 with adaptive headlight 2	√	√	√	√	√		
			LM2 Light Module 2	√	√	√	√	√		
			LM2 Light Module 2 with adaptive headlight	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			M-ASK-NAV Navigation system	√	√	√	√	√		
			MPM Micro-power module	√	√	√	√	√		
			NVE Night Vision Electronics	√	√	√	√	√		
			NVK Night Vision camera	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RLS Rain/Light Sensor	√	√	√	√	√		
RLSS Rain/light solar sensor	√	√	√	√	√					
SBSL Satellite, B-pillar, left	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SFZ Satellite vehicle centre	√	√	√	√	√		
			SGM-SIM Safety and Gateway Module (SIM)	√	√	√	√	√		
			SGM-ZGM Safety and Gateway Module (ZGM)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SHZH Independent/auxiliary heater	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			SVS Language processing system	√	√	√	√	√		
			SZL Switch center, steering column	√	√	√	√	√		
			SZL Steering column switch centre 2	√	√	√	√	√		
			SZM/BZM Switching/Control center, center console	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			TLC Lane Departure Warning	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			TMBF Door module, front passenger	√	√	√	√	√		
			TMFA Door module, driver	√	√	√	√	√		
			ULF Universal charging and hands-free facility	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E24		GR (Cruise control)	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
		Body	CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
XEN (XENON LIGHTS)	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			SMG Sequential Manual Gearbox	√	√	√	√	√		
			VTC Valvetronic	√	√	√	√	√		
			VTC2 Valvetronic 2	√	√	√	√	√		
		Chassis	ACC2 Active Cruise Control 2	√	√	√	√	√		
			AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive 2	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			DSC Dynamic Stability Control PLUS	√	√	√	√	√		
			DSC Dynamic Stability Control Premium	√	√	√	√	√		
			EDC Damper Control	√	√	√	√	√		
			LDM Longitudinal Dynamics Management	√	√	√	√	√		



## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			HUD Head-Up Display	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			IHKA2 Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			KNAV Navigation system, Japan	√	√	√	√	√		
			KBM Body Basic Module	√	√	√	√	√		
			KGM Body Gateway Module	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
	E63/E64		LM2 AHL2 Light module 2 with adaptive headlight 2	√	√	√	√	√		
			LM2 Light Module 2	√	√	√	√	√		
			LM2 Light Module 2 with adaptive headlight	√	√	√	√	√		
		Body	M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			MPM Micro-power module	√	√	√	√	√		
			NVE Night Vision Electronics	√	√	√	√	√		
			NVK Night Vision camera	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RLS Rain/Light Sensor	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			RLSS Rain/light solar sensor	√	√	√	√	√		
			SBSL Satellite, B-pillar, left	√	√	√	√	√		
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SFZ Satellite vehicle centre	√	√	√	√	√		
			SGM-SIM Safety and Gateway Module (SIM)	√	√	√	√	√		
			SGM-ZGM Safety and Gateway Module (ZGM)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SHZH Independent/auxiliary heater	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			SVS Language processing system	√	√	√	√	√		
			SZL Switch center, steering column	√	√	√	√	√		
			SZL Steering column switch centre 2	√	√	√	√	√		
			SZM/BZM Switching/Control center, center console	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			TLC Lane Departure Warning	√	√	√	√	√		
			TMBF Door module, front passenger	√	√	√	√	√		
			TMFA Door module, driver	√	√	√	√	√		
			ULF Universal charging and hands-free facility	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions								
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
E23	Chassis		EWS (Elec. immobilize system)	√	√	√	√	√			
			ABS Antilock brake	√	√	√	√	√			
		EHC/EDC (Signal-axle air suspension)	√	√	√	√	√				
	Body		ADS Throttle-Valve Control	√	√	√	√	√			
			AHK (Active-Axle Kinematics)	√	√	√	√	√			
			CVM Convertible-top module	√	√	√	√	√			
			DWA Antitheft alarm system	√	√	√	√	√			
			EKM (Electronic Body Module)	√	√	√	√	√			
			EML (Elec. throttle)	√	√	√	√	√			
			FHK (Rear Heater A/C System)	√	√	√	√	√			
			GR (Cruise control)	√	√	√	√	√			
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√			
			IHKA/IHKR (AC/heater)	√	√	√	√	√			
			IKE/IKI/KOMBI	√	√	√	√	√			
			LSZ/LCM (Light switching center)	√	√	√	√	√			
			MID (Multi Information Display)	√	√	√	√	√			
			PDC Park Distance Control	√	√	√	√	√			
			RAD (Radio)	√	√	√	√	√			
			SHD Sliding/tilting sunroof	√	√	√	√	√			
			SPM/SM	√	√	√	√	√			
		SRS (Air bag)	√	√	√	√	√				

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E32	Body	IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
	Coding / Program	ZCS/FA Coding							1.Display Coding code and print	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
EWS (Elec. immobilize system)			√	√	√	√	√			
Chassis		ABS Antilock brake	√	√	√	√	√			
		EHC/EDC (Signal-axle air suspension)	√	√	√	√	√			

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Chassis	LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			NAV Navigation system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SES (Language-input system)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
		VID (Video Module)	√	√	√	√	√			
		ZKE (Central body electronic)	√	√	√	√	√			

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions								
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
E38			ZCS/FA Coding						1.Display Coding code and print		
			ZCS/FA Coding \ Recoding						1.ABS 2.LCM/LSZ 3.EWS		
			CAR MEMORY\LIGHTING\External lights\Daytime driving light							1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights							1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock							1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand							1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF							1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
7 Series			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always		
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active		
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off							1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked							1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid							1.Active 2.Not active	
	Driver			CAS Car Access System	√	√	√	√	√		
				DDE Diesel Electronics	√	√	√	√	√		
				DME Digital Motor Electronics	√	√	√	√	√		
				DME2 Digital Motor Electronics 2	√	√	√	√	√		
				EGS Transmission control	√	√	√	√	√		
				EKPS Fuel-pump control	√	√	√	√	√		
				VTC Valvetronic	√	√	√	√	√		
				VTC2 Valvetronic 2	√	√	√	√	√		
				VTC2 Valvetronic, bank 2	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Chassis	ACC Active Cruise Control	√	√	√	√	√		
			ACC2 Active Cruise Control 2	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			ARS Dynamic Drive 2	√	√	√	√	√		
			CIM1 Chassis Integration Module	√	√	√	√	√		
			CIM2 Chassis Integration Module 2	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EDC Damper Control	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			AHL Adaptive directional headlights	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			ANT Aerial/antenna tuner	√	√	√	√	√		
			ASK audio system controller	√	√	√	√	√		
			BZM Control centre, centre console	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CD Control Display	√	√	√	√	√		
			CD Control Display_GW	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CEM Clean Energy Module	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			GNNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FBI Flexible Bus Interface	√	√	√	√	√		
			FBZM Rear compartment, control center, center console	√	√	√	√	√		
			FCON Rear Compartment controller	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		
			FKA Rear heater/air conditioning	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			GNNAV Navigation system, Japan	√	√	√	√	√		
			KHI Headset interface	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E65	Body	KNAV Navigation system, Korea	√	√	√	√	√		
			LM Lights Module	√	√	√	√	√		
			LM2 AHL2 Light module 2 with adaptive headlight 2	√	√	√	√	√		
			LM2 Light Module 2	√	√	√	√	√		
			LM2 Light Module 2 with adaptive headlight	√	√	√	√	√		
			NAV (Navigation system)	√	√	√	√	√		
			NVE Night Vision Electronics	√	√	√	√	√		
			NVK Night Vision camera	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			PM Power Module	√	√	√	√	√		
			RLS Rain/Light Sensor	√	√	√	√	√		
			SASL Satellite, A-pillar, left	√	√	√	√	√		
			SASR Satellite, A-pillar, right	√	√	√	√	√		
			SBSL Satellite, B-pillar, left	√	√	√	√	√		
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SEC Supplementary control module	√	√	√	√	√		
			SEC2 Supplementary control unit 2	√	√	√	√	√		
SFZ Satellite vehicle centre	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			SG-FD Control module, rear-compartment	√	√	√	√	√		
			SG-FD-GW Control module, rear-compartment	√	√	√	√	√		
			SGM-SIM Safety and Gateway Module (SIM)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SHZH Independent/auxiliary heater	√	√	√	√	√		
			SIM Safety and Information Module	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFAH Seat module, driver's side rear	√	√	√	√	√		
			SMBFH Seat module, passenger's side rear	√	√	√	√	√		
			SSBF Satellite, seat, passenger	√	√	√	√	√		
			SSFA Satellite, seat, driver	√	√	√	√	√		
			SSH Satellite, seat, rear	√	√	√	√	√		
			STVL Satellite, door, front left	√	√	√	√	√		
			STVR Satellite, door, front right	√	√	√	√	√		
			SVS Language processing system	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			TEL Telephone	√	√	√	√	√		
			TMBFH Door module, passenger's side rear	√	√	√	√	√		
			TMBFT Door module, passenger door	√	√	√	√	√		
			TMFAH Door module, driver's side rear	√	√	√	√	√		
			TMFAT Door module, driver's door	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			WIM Wiper module	√	√	√	√	√		
			ZGM Central Gateway Module	√	√	√	√	√		
			ZBM Two-battery management	√	√	√	√	√		
		Short test		√	√	√				

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Coolant 9.Vehicle inspection 10.Exhaust emission inspection 11.Diesel particle filter	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
8 Series	E31	Body	IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
		ZKE (Central body electronic)	√	√	√	√	√			
Coding / Program	ZCS/FA Coding							1.Display Coding code and print		
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
			VTG Transfer case	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	X3-E83	Chassis	MFL (Multi-function steering wheel)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SMF (Seat memory, driver)	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
	ZKE (Central body electronic)	√	√	√	√	√				
	Coding / Program	ZCS/FA Coding							1. Display Coding code and print	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
Chassis		ABS Antilock brake	√	√	√	√	√			
		EHC/EDC (Signal-axle air suspension)	√	√	√	√	√			
		LEW (Steering-angle sensor)	√	√	√	√	√			

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			MFL (Multi-function steering wheel)	√	√	√	√	√		
			AIC (Automatic Interval Control)	√	√	√	√	√		
			BIT (Basis Interface Telephone)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			NAV Navigation system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SES (Language-input system)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding /	ZCS/FA Coding						1.Display Coding code and print	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Program	ZCS/FA Coding \ Recoding						1.ABS 2.LCM/LSZ	
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			VTC Valvetronic	√	√	√	√	√		
			VTC2 Valvetronic 2	√	√	√	√	√		
			VTG Transfer case	√	√	√	√	√		
		Chassis	AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EDCSHL Damper satellite, rear left	√	√	√	√	√		
			EDCSHR Damper satellite, rear right	√	√	√	√	√		
			EDCSVL Damper satellite, front left	√	√	√	√	√		
			EDCSVR Damper satellite, front right	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	X5-E70		EMF Parking brake	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			VDM Vertical Dynamics Management	√	√	√	√	√		
		ACSM Crash Safety Module	√	√	√	√	√			
		AHM Trailer module	√	√	√	√	√			
		AMPH Hi-Fi amplifier	√	√	√	√	√			
		AMPT Top Hi-Fi amplifier	√	√	√	√	√			
		CA Comfort Access	√	√	√	√	√			
		CCC-A Applications	√	√	√	√	√			
		CCC-ANT Aerial tuner	√	√	√	√	√			
		CCC-ASK Audio system controller	√	√	√	√	√			
		CCC-BO User interface	√	√	√	√	√			
		CCC-GW Gateway	√	√	√	√	√			
		CDC CD Changer	√	√	√	√	√			
		CHAMP-BO User interface	√	√	√	√	√			
		CHAMP-GW Gateway	√	√	√	√	√			
		CID Central Information Display	√	√	√	√	√			
		CNAV Navigation system, China	√	√	√	√	√			
		CON Controller	√	√	√	√	√			
		DAB Digital tuner	√	√	√	√	√			
DVD-C DVD Changer	√	√	√	√	√					
FD Rear-compartment display	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
X Series		Body	FKA Rear heater/air conditioning	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			FRM2 Footwell module 2	√	√	√	√	√		
			FZD Function centre, roof	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			JBLZ Junction Box electronics	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KHM Headphones module	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RFK Reversing camera	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			RSE Rear Seat Entertainment	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
SINE Siren with tilt sensor	√	√	√	√	√					



## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Chassis	EDCSHR Damper satellite, rear right	√	√	√	√	√		
			EDCSVL Damper satellite, front left	√	√	√	√	√		
			EDCSVR Damper satellite, front right	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			Integrated Chassis Management	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
		VDM Vertical Dynamics Management	√	√	√	√	√			
			ACSM Crash Safety Module	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			AMPH Hi-Fi amplifier	√	√	√	√	√		
			AMPT Top Hi-Fi amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions								
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
	X6-E71	Body	CDC CD Changer	√	√	√	√	√			
			CHAMP-BO User interface	√	√	√	√	√			
			CHAMP-GW Gateway	√	√	√	√	√			
			CID Central Information Display	√	√	√	√	√			
			CNAV Navigation system, China	√	√	√	√	√			
			CON Controller	√	√	√	√	√			
			DAB Digital tuner	√	√	√	√	√			
			DVD-C DVD Changer	√	√	√	√	√			
			FD Rear-compartment display	√	√	√	√	√			
			FKA Rear heater/air conditioning	√	√	√	√	√			
			FLA High Beam Assist	√	√	√	√	√			
			FRM2 Footwell module 2	√	√	√	√	√			
			FZD Function centre, roof	√	√	√	√	√			
			HKL Rear-lid lift	√	√	√	√	√			
			HUD Head-Up Display	√	√	√	√	√			
			IBOC Digital tuner US	√	√	√	√	√			
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√			
			INSTR Instrument cluster	√	√	√	√	√			
	JBL2 Junction box electronics	√	√	√	√	√					
	JNAV Navigation system, Japan	√	√	√	√	√					
	KHI Headset interface	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			KNAV Navigation system, Korea	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RFK Reversing camera	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			RSE Rear Seat Entertainment	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
			VSW video switch	√	√	√	√	√		
		Short test		√	√	√				
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
			ABS Antilock brake	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Z1-E30	Chassis	EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
		Body	ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
		URS (Rollover sensor)	√	√	√	√	√			
VMX (Top-speed Regulation)	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Body	LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
				ZCS/FA Coding						1.Display Coding code and print
			CAR MEMORY\LIGHTING\External lights\Daytime driving light						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
Z Series	Z3-E36	Coding / Program	CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Z4- E85/E86	Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EPS Electronic Power Steering	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SBSL Satellite, B-pillar, left	√	√	√	√	√		
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SIM Safety and Information Module	√	√	√	√	√		
			SMF (Seat memory, driver)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
ZKE (Central body electronic)	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions								
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print		
Z8-E52	Driver		DME Digital Motor Electronics	√	√	√	√	√			
			EGS Transmission control	√	√	√	√	√			
			EWS (Elec. immobilize system)	√	√	√	√	√			
	Chassis		ABS Antilock brake	√	√	√	√	√			
			LEW (Steering-angle sensor)	√	√	√	√	√			
			RDC (Tyre pressure control)	√	√	√	√	√			
	Body		IHKA/IHKR (AC/heater)	√	√	√	√	√			
			IKE/IKI/KOMBI	√	√	√	√	√			
			RAD (Radio)	√	√	√	√	√			
			SRS (Air bag)	√	√	√	√	√			
			URS (Rollover sensor)	√	√	√	√	√			
	ZKE (Central body electronic)	√	√	√	√	√					
	Short test										
			Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
		Driver		DME Digital Motor Electronics	√	√	√	√	√		
EGS Transmission control				√	√	√	√	√			
EWS (Elec. immobilize system)				√	√	√	√	√			
Chassis			ABS Antilock brake	√	√	√	√	√			
			LEW (Steering-angle sensor)	√	√	√	√	√			
			RDC (Tyre pressure control)	√	√	√	√	√			

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	MINI-R50/R52/R53	Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
	Coding / Program	ZCS/FA Coding							1.Display Coding code and print	
		Driver	CAS Car Access System	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EPS Electronic Power Steering	√	√	√	√	√		
		Chassis	ABS/ACS/DSC Dynamic Stability Control	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			AMP Hi-Fi amplifier	√	√	√	√	√		
	CA Comfort Access		√	√	√	√	√			
CCC-A Applications	√		√	√	√	√				

## BMW V37.20 Diagnostics List (Note: For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
MINI	MINI-R55/R56	Body	CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			FRM Footwell Module	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			IHKS Intergrated heating/air-conditioning control	√	√	√	√	√		
			IHS Integrated heating control	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			JBE Junction-box electronics	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			MJOY MINI joystick	√	√	√	√	√		
			MRS Multiple Restraint system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
RAD Radio	√	√	√	√	√					
RAD2-BO User interface	√	√	√	√	√					

## BMW V37.20 Diagnostics List (Note:For reference only)

Menu			Functions							
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			RAD2-GW Gateway	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SZL Switch center, steering column	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
		Short test		√	√	√				

(\*):Tested;

(?):Manual on website([www.x431.com](http://www.x431.com))

Note:All description rights reserved by LAUNCH TECH.CO.,LTD