



## MINI V10.90 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	ABS Antilock brake	√	√	√	√	√	1.TEST PROCEDURES 2.BLEEDING THE ABS/ASC HYDRAULIC SYSTEM 3.RESET ABS MOTOR RELAY CLOCK COUNTER	
			LEW (Steering-angle sensor)	√	√	√	√	√		
			RDC (Tyre pressure control)	√	√	√	√	√		
			EHPS (Electrically assisted steering)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√	1.Flap motors 2.Coolant compressor	
			IKE/IKI/KOMBI	√	√	√	√	√	1.Reset service interval indicator	
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Short test		√	√	√				
			BC1.C05						1.Recoding	
			BC1.C06						1.Recoding	
			BC1.C07						1.Recoding	
			CVM_IV.C02						1.Recoding	
			CVM_IV.C03						1.Recoding	
			CVM_IV.C04						1.Recoding	
			CVM_IV.C05						1.Recoding	

## MINI V10.90 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
			CVM_IV.C06						1.Recoding	
			EWS.C81						1.Recoding	
			LWS5.C01						1.Recoding	
			MK60.C08						1.Recoding	
			MK60.C11						1.Recoding	
			PDC.C03						1.Recoding	
			RA_NG.C01						1.Recoding	
			RLS.C02						1.Recoding	
			SHD.C03						1.Recoding	
			SHD.C04						1.Recoding	
			Car Key Memory\KOM [Instrument cluster]\Distance						1.KM 2.MLS 3.---	
			Car Key Memory\KOM [Instrument cluster]\Fuel consumption						1.L/100 KM 2.MPG(UK) 3.MPG(US) 4.KM/LITRE	
			Car Key Memory\KOM [Instrument cluster]\Temperature						1.°C 2.°F	
			Car Key Memory\KOM [Instrument cluster]\Outside temperature warning						1.Not active 2.Active	
			Car Key Memory\KOM [Instrument cluster]\Ignition key						1.Not active 2.Active	
			Car Key Memory\KOM [Instrument cluster]\Time						1.24H 2.12H	

MINI-  
R50/R52/  
R53

## MINI V10.90 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 Key Memory\KOM [Instrument cluster]\Fuel consumption						1.L/100 KM 2.MPG(UK) 3.MPG(US) 4.KM/LITRE	
			Car Key Memory\PDC [Park Distance Control]\Switch on message(rear)						1.Not active 2.Active	
			Car Key Memory\PDC [Park Distance Control]\Rear volume						1.stage 1 2.Stage 2 3.Stage 3 4.Stage 4 5.Stage 5 6.Stage 6	
			Car Key Memory\SHD [Sliding\tilting sunroof]\Open sunroof one touch function						1.Not active 2.Active	
			Car Key Memory\SHD [Sliding\tilting sunroof]\Close sunroof one touch function						1.Not active 2.Active	
			Car Key Memory\SHD [Sliding\tilting sunroof]\Raise sunroof one touch function						1.Not active 2.Active	
			Car Key Memory\ZKE [Central Body Electronic]\Central locking\Automatic locking after 2 minutes if not opened						1.Not active 2.Active	

## MINI V10.90 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			Car Key Memory\ZKE [Central Body Electronic]\Central locking\Automatic locking after starting off						1.Not active 2.Active	
			Car Key Memory\ZKE [Central Body Electronic]\Central locking\Automatic unlocking after engine off						1.Not active 2.Active	
			Car Key Memory\ZKE [Central Body Electronic]\Central locking>Selective central locking						1.Not active 2.Active	
			Car Key Memory\ZKE [Central Body Electronic]\Central locking>Selective central locking rc						1.Not active 2.Active	
			Car Key Memory\ZKE [Central Body Electronic]\Central locking\Entrance aid>Selective central locking rc						1.Selective 2.Entrance aid 3.Not active	
			Car Key Memory\ZKE [Central Body Electronic]\Central locking\Holding rc open button						1.No function 2.Comfort opening 3.Luggage comp opening	
			Car Key Memory\ZKE [Central Body Electronic]\Central locking\Holding rc open button						1.Not active 2.Active	
			Car Key Memory\ZKE [Central Body Electronic]\Windscreen Wipers\Switch back when stationary							1.Not active 2.Active

## MINI V10.90 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 Key Memory\ZKE [Central Body Electronic]\Exterior Lights\Home lights						1.Not active 2.40 seconds	
			Car Key Memory\ZKE [Central Body Electronic]\Exterior Lights\Home lights						1.Not active 2.40 seconds 3.90 Seconds 4.150 Seconds 5.240 Seconds	
			Car Key Memory\ZKE [Central Body Electronic]\Exterior Lights\Day time running lights(ECE)						1.Not active 2.Active	
			Car Key Memory\ZKE [Central Body Electronic]\Exterior Lights\Day time running lights(US)						1.Not active 2.Active	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
			CAS Car Access System	√	√	√	√	√	1.Personalisation key number 2.Disable_enable key 3.Reset internal ELV fault counter	

## MINI V10.90 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	DME Digital Motor Electronics	√	√	√	√	√	1.DME-CAS adjustment 2.CO adjustment 3.Clear adaptations 4.Delete adaptations/variants 5.Idle speed adjustment 6.Consumption indicator adjustment 7.Learning Valvetronic limit positions 8.Venting, cooling system 9.Register battery change 10.Remove Valvetronic servomotor 11.OBD readiness codes	
			EGS Transmission control	√	√	√	√	√	1.Reset adaptation values 2.Reset learning functions 3.Mechatronics adjustment 4.Oil-level adjustment	
	Chassis		ABS/ACS/DSC Dynamic Stability Control	√	√	√	√	√	1.Bleeding DSC Hydraulics 2.Mix Up Check BrakeLines	
				RDC Tyre pressure control	√	√	√	√	√	
			AHM Trailer module	√	√	√	√	√		
			AMP Hi-Fi amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		

## MINI V10.90 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-R55/R56	Body	CCC-BO User interface	✓	✓	✓	✓	✓			
		CCC-GW Gateway	✓	✓	✓	✓	✓			
		CDC CD Changer	✓	✓	✓	✓	✓			
		CID Central Information Display	✓	✓	✓	✓	✓			
		CVM Convertible-top module	✓	✓	✓	✓	✓			
		DAB Digital tuner	✓	✓	✓	✓	✓			
		FRM Footwell Module	✓	✓	✓	✓	✓		Start windows initialising Rear windows, initialising Rear windows, test	
		IBOC Digital tuner US	✓	✓	✓	✓	✓			
		IHKA Integrated automatic heating/air conditioning	✓	✓	✓	✓	✓			
		IHKS Intergrated heating/air-conditioning control	✓	✓	✓	✓	✓			
		IHS Integrated heating control	✓	✓	✓	✓	✓			
		INSTR Instrument cluster	✓	✓	✓	✓	✓			
		ument 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	✓	✓	✓	✓	✓			
		RAD2-GW Gateway	✓	✓	✓	✓	✓			
SDARS satellite tuner	✓	✓	✓	✓	✓					
SHD Sliding/tilting sunroof	✓	✓	✓	✓	✓			1.Delivery position 2.Initialize slide_tilt sunroof		

## MINI V10.90 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
			SZL Switch center, steering column	√	√	√	√	√		
			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	
			Maintenance \ CBS Correct						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Diesel particle filter 9.Vehicle inspection 10.Exhaust emission inspection	
			Maintenance						1.Delete transport mode	

## MINI V10.90 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
			Service functions						1.Adjustment, Steering-angle sensor	

(\*):Tested;

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

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

CONNECTOR	X431	DIAGUN	
BMW-20	The year before 2002, you can easy to find the 20-pin round	N/A	
BMW-16	The year after 2002, and before 2007, there are only one OBDII	N/A	
CAN BUS II	The year after 2007, there are only one OBDII socket in cab	N/A	
diagun connector	N/A		
SUPER 16	ALL OBDII socket.	N/A	