

## GAC V10.32 Diagnostics List (Note:For reference only)

MENU		Sub-System	Connector	Functions						
Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function
GS4	Engine control module (ECM)		[CANBUS II]	√	√	√	√	√	√	ECU Routine
	Body control module (BCM)		[CANBUS II]	√	√	√	√	√	√	1.Key learning 2.Personalized configuration
	Dual-clutch transmission (TCU)		[CANBUS II]	√	√	√	√	√		ECU Routine
	Shift lever module (GSM)		[CANBUS II]	√	√	√	√		√	
	Anti-lock brake system (ABS)		[CANBUS II]	√	√	√	√	√		1.Corner angle sensor calibration 2.Yaw angle sensor calibration
	Headlamp range control module (AFS)		[CANBUS II]	√	√	√	√		√	ECU Routine
	Tire pressure monitoring system (TPMS)		[CANBUS II]	√	√	√	√			
	Electric Power Steering System		[CANBUS II]	√	√	√	√			
	Supplementary restraint system (SRS)		[CANBUS II]	√	√	√	√	√	√	
	Instrument cluster (ICM)		[CANBUS II]	√	√	√	√	√	√	Mileage Value Initialization
	Entertainment system	Entertainment system-CD		[CANBUS II]	√	√	√	√		√
Entertainment system-AV			[CANBUS II]	√	√	√	√		√	Personalized configuration

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		Entertainment system-Navigation	[CANBUS II]	√	√	√	√		√	Personalized configuration
	Air Conditioner System (HVAC)		[CANBUS II]	√	√	√	√	√	√	Personalized configuration
	Passive Entry & Passive Start System (PEPS)		[CANBUS II]	√	√	√	√	√	√	1.Key learning 2.Personalized configuration
	Parking assistant system (RPA)		[CANBUS II]	√	√	√	√			
	A/C control panel (HCP)		[CANBUS II]	√	√	√	√	√	√	
	Front control panel (FCP)		[CANBUS II]	√	√	√	√	√	√	
	Seat heating module (HVSM)		[CANBUS II]	√	√	√	√	√	√	
	Smart Start&Stop system (SSU)		[CANBUS II]	√	√	√	√			Neutral SelfLearning
	TBOX		[CANBUS II]	√	√	√	√		√	
	Engine control module (ECM)		[CANBUS II]	√	√	√	√	√	√	ECU Routine
	Body control module (BCM)		[CANBUS II]	√	√	√	√	√	√	1.Key learning 2.Personalized configuration
	Dual-clutch transmission (TCU)		[CANBUS II]	√	√	√	√	√	√	
	Shift lever module (GSM)		[CANBUS II]	√	√	√	√		√	

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Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function	
GA6	Anti-lock brake system (ABS)		[CANBUS II]	√	√	√	√	√		1. Corner angle sensor calibration 2. Yaw angle sensor calibration	
	Tire pressure monitoring system (TPMS)		[CANBUS II]	√	√	√	√				
	Supplementary restraint system (SRS)		[CANBUS II]	√	√	√	√	√	√		
	Instrument cluster (ICM)		[CANBUS II]	√	√	√	√	√	√	Mileage Value Initialization	
	Entertainment system	Entertainment system-CD		[CANBUS II]	√	√	√	√		√	Personalized configuration
		Entertainment system-AV		[CANBUS II]	√	√	√	√		√	Personalized configuration
		Entertainment system-Navigation		[CANBUS II]	√	√	√	√		√	Personalized configuration
	Air Conditioner System (HVAC)		[CANBUS II]	√	√	√	√		√	Personalized configuration	
	Passive Entry & Passive Start System (PEPS)		[CANBUS II]	√	√	√	√	√	√	1. Key learning 2. Personalized configuration	
	Parking assistant system (RPA)		[CANBUS II]	√	√	√	√				
Electrical parking brake (EPB)		[CANBUS II]	√	√	√	√	√	√			
Front control panel (FCP)		[CANBUS II]	√	√	√	√	√	√			

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Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function
	Seat heating module (HVSM)		[CANBUS II]	√	√	√	√	√	√	
	Smart Start&Stop system (SSU)		[CANBUS II]	√	√	√	√			Neutral SelfLearning
	TBOX		[CANBUS II]	√	√	√	√		√	
	Blind spot monitoring (BSD)		[CANBUS II]	√	√	√	√			
	Forward Collision Warning (FCW)		[CANBUS II]	√	√	√	√	√		
	Lane departure warning (LDW)		[CANBUS II]	√	√	√	√			
	Memory seat module (MSM)		[CANBUS II]	√	√	√	√	√	√	
	Surround view parking assist (SVM)		[CANBUS II]	√	√	√	√			
	Engine control module (ECM)		[CANBUS II]	√	√	√	√	√	√	ECU Routine
	Body control module (BCM)		[CANBUS II]	√	√	√	√		√	Personalized configuration
	Transmission control module (TCM)	Automatic Transmission (AT)	[CANBUS II]	√	√	√	√	√	√	
		Tiptronic (RMT)	[CANBUS II]	√	√	√	√	√	√	ECU Routine
	Anti-lock brake system (ABS)		[CANBUS II]	√	√	√	√	√		1. Corner angle sensor calibration 2. Yaw angle sensor calibration
	Supplementary restraint system (SRS)		[CANBUS II]	√	√	√	√	√		

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MENU		Sub-System	Connector	Functions						
Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function
GA5 1.8 VTML/2.0 VTML	Instrument cluster (ICM)		[CANBUS II]	√	√	√	√		√	1.Mileage Value Initialization 2.Personalized configuration
	Entertainment system	Entertainment system-CD	[CANBUS II]	√	√	√	√		√	
		Entertainment system-6CD	[CANBUS II]	√	√	√	√		√	
		Entertainment system-Navigation	[CANBUS II]	√	√	√	√		√	
	Air Conditioner System (HVAC)		[CANBUS II]	√	√	√	√		√	
	Headlamp range control module (AFS)		[CANBUS II]	√	√	√	√		√	ECU Routine
	Parking assistant system (RPA)		[CANBUS II]	√	√	√	√		√	
	Engine control module (ECM)		[CANBUS II]	√	√	√	√	√	√	ECU Routine
	Body control module (BCM)		[CANBUS II]	√	√	√	√		√	Personalized configuration
	Automatic Transmission (AT)		[CANBUS II]	√	√	√	√	√	√	
	Anti-lock brake system (ABS)		[CANBUS II]	√	√	√	√	√		1.Corner angle sensor calibration 2.Yaw angle sensor calibration
	Tire pressure monitoring system (TPMS)		[CANBUS II]	√	√	√	√			

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MENU		Sub-System	Connector	Functions						
Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function
GA5 1.6T/1.8 T/2.0 DCVVT	Supplementary restraint system (SRS)		[CANBUS II]	√	√	√	√	√		
	Instrument cluster (ICM)		[CANBUS II]	√	√	√	√		√	Mileage Value Initialization Personalized configuration
	Entertainment system	Entertainment system-CD	[CANBUS II]	√	√	√	√		√	
		Entertainment system-Navigation	[CANBUS II]	√	√	√	√		√	
	Air Conditioner System (HVAC)		[CANBUS II]	√	√	√	√		√	
	Passive Entry & Passive Start System (PEPS)		[CANBUS II]	√	√	√	√	√	√	Key learning
	Headlamp range control module (AFS)		[CANBUS II]	√	√	√	√		√	ECU Routine
	Parking assistant system (RPA)		[CANBUS II]	√	√	√	√		√	
	Engine control module (ECM)		[CANBUS II]	√	√	√	√	√	√	ECU Routine
	Body control module (BCM)		[CANBUS II]	√	√	√	√	√	√	Personalized configuration
	Transmission control module (TCM)	Automatic Transmission (AT)	[CANBUS II]	√	√	√	√	√		
		Dual-clutch transmission (TCU)	[CANBUS II]	√	√	√		√		ECU Routine

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Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function
GS5/GS5 Super	Anti-lock brake system (ABS)		[CANBUS II]	√	√	√	√	√		1. Corner angle sensor calibration 2. Yaw angle sensor calibration
	Headlamp range control module (AFS)		[CANBUS II]	√	√	√	√		√	ECU Routine
	Tire pressure monitoring system (TPMS)		[CANBUS II]	√	√	√	√			
	Electrical parking brake (EPB)	Electric parking (GS5)	[CANBUS II]	√	√	√	√		√	
		Electric parking (GS5 Super)	[CANBUS II]	√	√	√	√	√	√	
	Supplementary restraint system (SRS)		[CANBUS II]	√	√	√	√	√		
	Instrument cluster (ICM)		[CANBUS II]	√	√	√	√		√	1. Mileage Value Initialization 2. Personalized configuration
	Entertainment system	Entertainment system-6CD	[CANBUS II]	√	√	√	√		√	Personalized configuration
		Entertainment system-AV	[CANBUS II]	√	√	√	√		√	
		Entertainment system-CD	[CANBUS II]	√	√	√	√		√	Personalized configuration
		Entertainment system-Navigation	[CANBUS II]	√	√	√	√		√	

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Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function
		Entertainment system (On-board multimedia system)	[CANBUS II]	√	√	√	√			
	Air Conditioner System (HVAC)		[CANBUS II]	√	√	√	√		√	Personalized configuration
	Passive Entry & Passive Start System (PEPS)		[CANBUS II]	√	√	√	√	√	√	1.Key learning 2.Personalized configuration
	Parking assistant system (RPA)		[CANBUS II]	√	√	√	√		√	
	TBOX		[CANBUS II]	√	√	√	√			
	Blind spot monitoring (BSD)		[CANBUS II]	√	√	√	√			
	Forward Collision Warning (FCW)		[CANBUS II]	√	√	√	√	√		
	Lane departure warning (LDW)		[CANBUS II]	√	√	√	√			
	Surround view parking assist (SVM)		[CANBUS II]	√	√	√	√			
	Shift lever module (GSM)		[CANBUS II]	√	√	√	√		√	
	Intelligent torque system (TMM)		[CANBUS II]	√	√	√	√	√	√	
	Engine control module (ECM)		[CANBUS II]	√	√	√	√	√	√	
	Body control module (BCM)		[CANBUS II]	√	√	√	√	√	√	Personalized configuration
	Transmission control	Automatic Transmission (AT)	[CANBUS II]	√	√	√	√	√	√	



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GA3/GA3S Horizon	module (TCM)	Dual-clutch transmission (TCU)	[CANBUS II]	√	√	√					
	Anti-lock brake system (ABS)		[CANBUS II]	√	√	√	√	√		1. Corner angle sensor calibration 2. Yaw angle sensor calibration	
	Electric Power Steering System		[CANBUS II]	√	√	√	√				
	Tire pressure monitoring system (TPMS)		[CANBUS II]	√	√	√	√				
	Supplementary restraint system (SRS)		[CANBUS II]	√	√	√	√	√	√		
	Instrument cluster (ICM)		[CANBUS II]	√	√	√	√		√	1. Mileage Value Initialization 2. Personalized configuration	
	Entertainment system	Entertainment system-CD		[CANBUS II]	√	√	√	√		√	
		Entertainment system-Navigation		[CANBUS II]	√	√	√	√		√	
		Entertainment system (AUDIO)		[CANBUS II]	√	√	√	√		√	
	Air Conditioner System (HVAC)		[CANBUS II]	√	√	√	√		√	Personalized configuration	
Passive Entry & Passive Start System (PEPS)		[CANBUS II]	√	√	√	√	√	√	1. Key learning 2. Personalized configuration		

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Car Mode	System			Version Information	Read DTC	Clear Fault Memory	Read Data Stream	Read Freeze Frame	Act Test	Special Function
	Parking assistant system (RPA)		[CANBUS II]	√	√	√	√		√	
	Smart Start&Stop system (SSU)		[CANBUS II]	√	√	√	√			Neutral SelfLearning
	TBOX		[CANBUS II]	√	√	√	√	√	√	
	Shift lever module (GSM)		[CANBUS II]	√	√	√	√		√	
Trumpchi new energy vehicles	Engine management system (EMS)		[CANBUS II]	√	√	√	√	√	√	
	Hybrid control system (HCU)		[CANBUS II]	√	√	√	√	√		
	Integrated start generator (ISG)		[CANBUS II]	√	√	√	√	√		
	Front engine (FTM)		[CANBUS II]	√	√	√	√	√		
	Battery managment system (BMS)		[CANBUS II]	√	√	√	√	√		
	Body control module (BCM)		[CANBUS II]	√	√	√	√		√	
	Anti-lock brake system (ABS)		[CANBUS II]	√	√	√	√	√		1.Corner angle sensor calibration 2.Yaw angle sensor calibration
	Electric Power Steering System		[CANBUS II]	√	√	√	√	√		
	Supplementary restraint system (SRS)		[CANBUS II]	√	√	√	√	√	√	
Instrument cluster (ICM)		[CANBUS II]	√	√	√	√		√	Mileage Value Initialization	

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	Entertainment system	Entertainment system- <u>Navigation</u>	[CANBUS II]	√	√	√	√		√	
		Entertainment system- <u>CD</u>	[CANBUS II]	√	√	√	√		√	
	Air Conditioner System (HVAC)		[CANBUS II]	√	√	√	√		√	
	TBOX		[CANBUS II]	√	√	√	√	√		

(\*):Tested;

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

Note:The final interpretation of the products belongs to LAUNCH TECH CO.,LTD.;