

## GREATWALL SPECIAL V34.00 Diagnostics List (Note: For reference only)

Car Name	System	Sub-System	CONNECTOR	Functions						
				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
HAVAL H3	ENG	DELPHI EOBD ECU	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	
		bosch V50 engine system	[SMART OBDII-16]	√	√	√	√	√	1. Engine test 2. Read freeze frame	
		bosch-edc16 diesel engine	[SMART OBDII-16]	√	√	√			1. components testing 2. engine testing 3. matching	
		DELPHI MT20U	[SMART OBDII-16]	√	√	√	√	√		
		Xinfeng diesel system	[CAN BUS II ]	√	√	√		√		1. write VIN 2. write IQA code 3. freeze datastream
		ABS	Bosch ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding
	SRS	JINGHENG SRS	[SMART OBDII-16]	√	√	√		√		
		BOSCH SRS System	[SMART OBDII-16]	√	√	√		√		
		SIEMENS SRS	[SMART OBDII-16]	√	√		√	√		

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	IMMO	Delphi Gas	[SMART OBDII-16]	√	√	√			1.Set user's authority code 2.Immobilizer matching function	
		Delphi Diesel(2.8TC)	[SMART OBDII-16]	√	√	√			1.Set user's authority code 2.Immobilizer matching function	
	BCM	auto-live System	[CAN BUS II ]	√	√	√	√	√	1.key match 2.function config 3.ECU reflash 4.read network config 5.system config	
	ENG	Union M797 eobd	[SMART OBDII-16]	√	√	√	√	√	Read freeze frame	
	ABS	Bosch ABS	[SMART OBDII-16]	√	√	√	√	√	1.Repair Bleeding	
	SRS	JINGHENG SRS	[SMART OBDII-16]	√	√	√		√		



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WINGLE	ENG	DELPHI MT20U2 EOBD	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	
		Bosch V50	[SMART OBDII-16]	√	√	√	√	√	1. Engine test 2. Read freeze	
		VE pump	CHANGCHAI CONNECTOR FOR 4L88	√						
		UAES 04	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	
		K5 (N2) -ECM	[CAN BUS II ]	√	√	√	√	√	1. read IQA 2. write IQA 3. read configure 4. write configure(AT) 5. write configure(MT)	
		Xinfeng diesel system	[CAN BUS II ]	√	√	√		√		1. write VIN 2. write IQA code 3. freeze datastream

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	ABS	Bosch ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	
	SRS	JINGHENG SRS	[SMART OBDII-16]	√	√	√		√		
	IMMO	Delphi Gas	[SMART OBDII-16]	√	√	√			1. Set user's authority code 2. Immobilizer matching function	
		Delphi Diesel (2. 8TC)	[SMART OBDII-16]	√	√	√			1. Set user's authority code 2. Immobilizer matching function	
FLORID	ENG	Union M797 eobd	[SMART OBDII-16]	√	√	√	√	√	Read freeze frame	
		siemens system	[CAN BUS II ]	√	√	√	√	√	1. enable immo 2. ECU regrogram	
	ABS	Bosch ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	
		TRW ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	
	SRS	auto-live System	[SMART OBDII-16]	√	√	√		√	1. ECU unlock	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
	IMMO	K5(N2)-ECM	[SMART OBDII-16]	√	√	√	√	√	1. End of line test 2. Replace engine ECM 3. Change	
	AT	K5(N2)-ABS	[CAN BUS II ]	√	√	√		√		
COOLBEAR、HAVAL M2	ENG	Union M797 eobd	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	
	ABS	Bosch ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	
		TRW ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	
	SRS	auto-live System	[SMART OBDII-16]	√	√	√		√	1. ECU unlock	
	IMMO	DIAS Immobilizer System	[SMART OBDII-16]	√	√	√		√	1. Program function	
	AT	PUNCH VT2 CVT	√	√		√				
	ENG	Union M797 eobd	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	
		siemens system	[CAN BUS II ]	√	√	√	√	√	1. enable immo 2. ECU regrogram 3. freeze frame	
	ABS	Bosch ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	
		TRW ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
LINA0	SRS	auto-live System	[SMART OBDII-16]	√	√	√		√	1. ECU unlock	
	IMMO	SHANGHAI IMMO	[SMART OBDII-16]	√	√	√	√	√	1. End of line test 2. Replace engine ECM 3. Change transponder 4. Reset immobilizer	
	AT	PUNCH VT2 CVT	[CAN BUS II ]	√	√	√		√		
		Union M797 eobd	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	
		siemens system	[CAN BUS II ]	√	√	√	√	√	1. enable immo 2. ECU regrogram	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
VOLEEX C30	ENG	Union system(start/stop)	[SMART OBDII-16]	✓	✓	✓	✓	✓		1. Inhibit automatic stop condition instruction 2. Read out the start-stop number 3. Read out EBS information 4. Write battery ID number"
	ABS	Bosch ABS	[SMART OBDII-16]	✓	✓	✓	✓	✓	1. Repair Bleeding	
		TRW ABS	[SMART OBDII-16]	✓	✓	✓	✓	✓	1. Repair Bleeding	
	SRS	CH041 Autoliv SRS	[SMART OBDII-16]	✓	✓	✓		✓	1. write config info.	



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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
	IMMO	SHANGHAI IMMO	[SMART OBDII-16]	√	√	√	√	√	1.End of line test 2. Replace engine ECM 3. Change transponder 4. Reset immobilizer	
	AT	PUNCH VT2 CVT	[CAN BUS II ]	√	√	√		√		
ENG		K5 (N2) -ECM	[CAN BUS II ]	√	√	√	√	√	1.read IQA 2.write IQA 3.read configure 4.write configure(AT) 5.write configure(MT)	
		DELPHI MT20U2 EOBD	[SMART OBDII-16]	√	√	√	√	√	1.Read freeze frame	
		bosch V50 engine system	[SMART OBDII-16]	√	√	√	√	√	1.Engine test 2.Read freeze	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
		4D20 BOSCH engine system	[CAN BUS II ]	√	√	√	√	√		1. read configure 2. write configure (AT) 3. write configure (MT) 4. read IQA code 5. write IQA code (all) 6. write IQA code (single)
	ABS	K5 (N2) -ABS	[CAN BUS II ]	√	√	√	√	√	1. read configure 2. write configure (AT) 3. write	
		Bosch ABS	[SMART OBDII-16]	√	√	√	√	√	1. Repair Bleeding	
	SRS	K5 (N2) -ABM	[CAN BUS II ]	√	√			√	1. read configure 2. write configure (AT) 3. write configure (MT)	
		Bosch SRS	BOSCH SRS System	[SMART	√	√	√		√	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
HAVAL H5		SIEMENS SRS	SIEMENS SRS	[SMART]	√	√		√	√	
	BCM	K5 (N2) -BCM	[CAN BUS II ]	√	√	√	√	√	1. read configure 2. write configure (AT) 3. write configure (MT) 4. key match 5. system config	
		Delphi BCM	[CAN BUS II ]	√	√	√	√	√	1. key match 2. function config 3. ECU reflash 4. read network config 5. system config	
	IP	K5 (N2) -IP	[CAN BUS II ]	√	√	√	√	√	1. read configure 2. write configure (AT) 3. write configure (MT)	
		Delphi Gas	Delphi Gas	[SMART]	√	√	√			1. Set user's authority code

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	IMMO	Delphi Diesel (2.8TC)	Delphi Diesel (2.8TC)	[SMART]	√	√	√			1. Set user's authority code
		4D20 Diesel Delphi	[SMART OBDII-16]	√	√	√		√	1. Immobilizer matching function 2. set authority code	
		Delphi Diesel (BOSCH 4D20)	[CAN BUS II ]	√	√	√		√	1. Immobilizer matching function 2. set authority code 3. input	
	AT	HYDAI (5R35_AT)	[CAN BUS II ]	√	√	√	√	√		
	TOD	TOD	[CAN BUS II ]	√	√	√	√	√	1. read configure 2. write configure (AT) 3. write configure (MT)	
		MM single System	[FIAT -3]	√	√	√	√			
		Delphi ECU System	[SMART OBDII-16]	√	√	√	√	√		

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
PICK UP TRUCK AND OLD CARS (SAIL、DEER、SAICOOOL、SAIJUN、SAIYING)	ENG	Union ECU System	[SMART OBDII-16]	√	√	√			Self adaptive parameter adjustment, ECU reset	
		second generation	[SMART OBDII-16]	√	√	√	√	√		
		DELPHI MT20U	[SMART OBDII-16]	√	√	√	√	√		
		4L88 engine EGR	CHANGCHAI CONNECTOR FOR 4L88	√		√			1. calibration	
		bosch-edc16 diesel engine	[SMART OBDII-16]	√	√	√			testing 2. engine testing	
		bosch V50 diesel	[SMART OBDII-16]	√	√	√	√	√	1. Engine test 2. Read freeze frame	
		VE pump	CHANGCHAI CONNECTOR FOR 4L88	√						
		DELPHI MT20U2 EOBD	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	

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	ENG	K5 (N2) -ECM	[CAN BUS II ]	√	√	√	√	√	1.read IQA 2.write IQA 3.read configure 4.write configure(AT) 5.write configure(MT)	
		DELPHI MT20U2 EOBD	[SMART OBDII-16]	√	√	√	√	√	1. Read freeze frame	
	ABS		[CAN BUS II ]	√	√	√	√	√	1. read configure 2. write configure(AT) 3. write configure	
	SRS		[CAN BUS II ]	√	√	√			1. read configure 2. write configure(AT) 3. write configure(MT)	

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HAVAL H6	BCM		[CAN BUS II ]	√	√	√	√		1.read configure 2.write configure(AT) 3.write configure(MT) 4.key teach 5.write TPMS sensor ID 6.TPMS sensor	
	IP		[CAN BUS II ]	√	√		√		1.read configure 2.write configure(AT)	
	TOD		[CAN BUS II ]	√	√	√		√	1.read configure 2.write configure(AT)	
		Tongzhi Immobilizer		[SMART OBDII-16]	√	√	√		√	1. Matching function

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	IMMO	实业交通防盗系统	[SMART OBDII-16]	√	√	√	√	√	1. End of line test 2. Replace engine ECM 3. Change transponder 4. Reset immobilizer	

(\*):Tested;

(?):Manual on website(www.x431.com);

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



CONNECTOR	X431	DIAGUN
SMART OBDII -16	Use for the cars of 16-PIN Diagnostic socket(GENERAL)	N/A
HONDA-3	Use for the cars of 3-PIN Diagnostic socket	N/A
OBD 16C	N/A	N/A
CANBUS II	Use for the cars of 16-PIN Diagnostic socket(CAN BUS)	N/A
diagun connector	N/A	Use for the cars of 16-PIN Diagnostic socket
SUPER 16	Use for the cars of 16-PIN Diagnostic socket	N/A