

GWM SPECIAL **V35.30** 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	ENG	DELPHI EOBD ECU	SMART OBDII-16	√	√	√	√	√	1. Read freeze frame	
		bosch V50 engine	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 4. engine test	
	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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H3	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	Delphi	CAN BUS II	√	√	√	√	√	1. key match 2. function config 3. ECU reflash 4. read network config 5. system config	
		Tongzhi	CAN BUS II	√	√	√	√	√	1. key match 2. read network config 3. write network config(AT) 4. write network config(MT) 5. system config	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
JINLIN 、 HAVAL M1	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	√	√	√		√		
	IMMO	SHANGHAI IMMO	SMART OBDII-16	√	√	√	√	√	1.End of line test 2.Replace engine ECM 3.Change transponder 4.Reset immobilizer	
COWRY、 VOLEEX V80	ENG	DELPHI MT20U2_EOBD	SMART OBDII-16	√	√	√	√	√	1.Read freeze frame	
		Delphi mt80	SMART OBDII-16	√	√	√	√	√	1.write VIN 2.read freeze frame 3.Gear info. learning	
		Union 1.5T engine	SMART OBDII-16	√	√	√	√	√	1.Read freeze frame	
	ABS	Bosch ABS	SMART OBDII-16	√	√	√	√	√	1.Repair Bleeding	

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	SRS	JINGHENG SRS	SMART OBDII-16	√	√	√		√		
	IMMO	Delphi Gas	SMART OBDII-16	√	√	√			1. Set user's authority code 2. Immobilizer matching function	
	AT	Siemens VDO AT	SMART OBDII-16	√	√	√	√	√		
		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	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
WINGLE	ENG	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	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	√	√	√		√		
		Delphi Gas	SMART OBDII-16	√	√	√			1.Set user's authority code 2.Immobilizer matching function	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
	IMMO	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	
		CH041 Autoliv SRS	SMART OBDII-16	✓	✓	✓		✓	1. write config info.	
	IMMO	K5 (N2) -ECM	SMART OBDII-16	✓	✓	✓	✓	✓	1. End of line test 2. Replace engine ECM 3. Change transponder 4. Reset	
	AT	K5 (N2) -ABS	CAN BUS II	✓	✓	✓		✓	1. Reset learned values	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
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	SMART OBDII-16	√	√	√		√	1. ECU unlock	
	IMMO	DIAS Immobilizer	SMART OBDII-16	√	√	√		√	1. Program function	
	AT	PUNCH VT2 CVT	√	√	√		√			
LINAO、VOLEEX C2OR	ENG	Union M797 eobd	SMART OBDII-16	√	√	√	√	√	1. Read freeze frame	
		siemens	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	
	SRS	auto-live	SMART OBDII-16	√	√	√		√	1. ECU unlock	
		CH041 Autoliv	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	√	√	√		√		
		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 (star/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" 5. Clear motor start number 6. EBS Flash 7. Read the battery information 8. Read pedals information"	
	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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Car Name	System	Sub-System	CONNECTOR	Functions						
				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	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	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 configure (MT)	
		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	SMART OBDII-16	√	√	√	√		√	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
HAVAL H5		SIEMENS SRS	SMART OBDII-16	√	√	√		√	√	
	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	
		Tongzhi	CAN BUS II	√	√	√	√	√	1. key match 2. read network config 3. write network config (AT) 4. write network config (MT) 5. system config	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
	IP	K5 (N2) -IP	CAN BUS II	√	√	√	√	√	1. read configure 2. write configure (AT) 3. write configure (MT)	
	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	
		4D20 Diesel Delphi	SMART OBDII-16	√	√	√		√	1. Immobilizer matching function 2. set authority code 3. input authority code	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
		Delphi Diesel (BOSCH)	CAN BUS II	√	√	√		√	1. Immobilizer matching function 2. set authority code 3. input authority code	
	AT	HYDAI (5R35_AT)	CAN BUS II	√	√	√	√	√		
	TOD	TOD	CAN BUS II	√	√	√	√	√	1. read configure 2. write configure (AT) 3. write configure (MT)	
	ENG	K5 (N2) -ECM	CAN BUS II	√	√	√	√	√	1. read IQA 2. write IQA 3. read configure 4. write configure (AT) 5. write configure (MT)	

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		DELPHI MT20U2_EOBD	SMART OBDII-16	√	√	√	√	√	1. Read freeze frame	
		Delphi mt80	SMART OBDII-16	√	√	√	√	√	1. write VIN 2. read freeze frame 3. Gear info. learning	
	ABS		CAN BUS II	√	√	√	√	√	1. read configure 2. write configure(AT) 3. write configure(MT)	
	SRS		CAN BUS II	√	√	√			1. read configure 2. write configure(AT) 3. write configure(MT)	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
HAVAL H6	BCM		CAN BUS II	√	√	√	√		1.read configure 2.write configure(AT) 3.write configure(MT) 4.key teach 5.TPMS sensor learn 6.BCM Programming 7.BCM unlock	
	IP		CAN BUS II	√	√		√		1.read configure 2.write configure(AT) 3.write configure(MT)	
	TOD		CAN BUS II	√	√	√		√	1.read configure 2.write configure(AT) 3.write configure(MT)	
		Tongzhi Immobilizer	SMART OBDII-16	√	√	√		√	1. Matching function	

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	IMMO	SHANGHAI IMMO	SMART OBDII-16	√	√	√	√	√	1. End of line test 2. Replace engine ECM 3. Change transponder 4. Reset immobilizer	
	ENGINE		CAN BUS II	√	√	√	√	√	1. read configure 2. write configure (MT)	
	ABS		CAN BUS II	√	√	√			1. read configure 2. write configure (MT) 3. bleed	
	SRS		CAN BUS II	√	√	√			1. read configure 2. write configure (MT)	
	AT	CVT	CAN BUS II	√	√	√	√		1. read configure 2. write configure (MT)	

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				Read code	Clear code	Data Stream	Actuation	Sys. Info.	Special Functions	Others
VOLEEX C50		AMT	CAN BUS II	✓	✓	✓			1. self-learning 2. routine control	
	BCM		CAN BUS II	✓	✓	✓	✓		1. read configure 2. write configure (MT) 3. key teach 4. TPMS sensor learn	
	ICM		CAN BUS II	✓	✓			✓	1. read configure 2. write configure (MT)	
	IMMO		SMART OBDII-16	✓	✓	✓	✓	✓	1. End of line test 2. Replace eng ECM 3. Change transponder 4. Reset immobilizer	
		MM single System	FIAT -3	✓	✓	✓	✓			
		Dephi 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 (SA IL、DEER、SAICOO L、SAIJUN、SAIYING)	ENG	Union ECU System	SMART OBDII-16	√	√	√			Self adaptive parameter adjustment, ECU reset	
		Union ECU System	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 3. matching	
		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	

(*):Tested;

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

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

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