

GEELY Special **V21.20** Diagnostics List (Note:For reference only)

MENU				Connector	Functions					
Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
	Haoqing	Haoqing Toyota system	Semicircle 17P DLC	TOYOTA-17		√	√	√		
			Rectangle 17P DLC	TOYOTA-17F		√	√	√		
			GEELY-17P	GEELY-22	√	√	√	√		1、Adaptive parameter adjustment
		Haoqing300	Engine	SMART OBDII-16	√	√	√	√		1、Adaptive parameter adjustment
		Haoqing pickup	Engine	SMART OBDII-16	√	√	√	√		1、Adaptive parameter adjustment
	MeiRi	Engine		SMART OBDII-16	√	√	√	√		1、Adaptive parameter adjustment
	Uliou	M154 Engine system		SMART OBDII-16	√	√	√	√		1、Adaptive parameter adjustment
		M797 Engine system		SMART OBDII-16	√	√	√	√	√	1、System status 2、Sample DataStream
		M154 Engine system		SMART OBDII-16	√	√	√	√		1、Adaptive parameter adjustment
		M797 Engine system		SMART OBDII-16	√	√	√	√	√	1、System status 2、Sample DataStream

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
	Beauty leopard	ABS		SMART OBDII-16		√	√			1、 Control Unit Info 2、 Measuring DataStream 3、 Basic Settings 4、 Adaptation 5、 Single Reading 6、 Output Tests 7、 Code Module 8、 Login 9、 Chassis Number adjustment 10、 Readiness
		M154 Engine system		SMART OBDII-16		√	√	√		1、 Read system parameter 2、 System status、 3、 Read physics parameter 4、 Read measure value 5、 Step motor Adaptation 6、 Actuator test 7、 Terminal element test 8、 Self-study reset
		M797 Engine system		SMART OBDII-16	√	√	√	√	√	1、 System status

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	Free Cruiser	ABS		SMART OBDII-16		✓	✓			1、 Control Unit Info 2、 Measuring DataStream 3、 Basic Settings 4、 Adaptation 5、 Single Reading 6、 Output Tests 7、 Code Module 8、 Login 9、 Chassis Number adjustment 10、 Readiness
		SRS		SMART OBDII-16	✓	✓	✓			1、 Search DTC
		SABS MK70 ABS		SMART OBDII-16	✓	✓	✓	✓		1、 Hydraulic unit test 2、 leeding and fill brake fluid 3、 ECU coding
		EPS		SMART OBDII-16		✓	✓			
		3G10 Engine UAES		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame
		479QN Engine UAES		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame
		Delphi MT20U2		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Freeze Frame data 2、 EOL
		M797 Engine system		SMART OBDII-16	✓	✓	✓	✓		1、 System status

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Car Name	Model	System	Sub System	Connector	Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
GEELY	KINGKONG	Delphi MT80		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran
		SABS MK60 ABS		SMART OBDII-16	✓	✓	✓	✓		1、 Hydraulic unit test 2、 leeding and fill brake fluid 3、 ECU coding
		SABS MK70 ABS		SMART OBDII-16	✓	✓	✓	✓		1、 Hydraulic unit test 2、 leeding and fill brake fluid 3、 ECU coding
		SRS		SMART OBDII-16	✓	✓	✓			1、 ECU configure 2、 Special Function
		YanFeng Key SRS		SMART OBDII-16		✓	✓	✓		1、 Program function 2、 2 airbag Automatic match 3、 6 airbag Automatic match
		479QN Engine UAES		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame
		Delphi MT22U CNG (KWP2000)		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write Data
		UAES EOBD system		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	
		Delphi MT80		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran
		BOSCH 8.0 ABS		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Repair Bleeding
		SABS MK70 ABS		SMART OBDII-16	✓	✓	✓	✓		1、 Hydraulic unit test 2、 leeding and fill brake fluid 3、 ECU coding
		SRS		SMART OBDII-16		✓	✓			
		ShangHai STEC Immobilizer		SMART OBDII-16	✓	✓	✓	✓		1、 Program function
		JinHeng 4AB SRS		SMART OBDII-16	✓	✓	✓	✓		
		EastJoylong SRS		SMART OBDII-16	✓	✓	✓	✓		
		DSI 6AT		CANBUSII	✓	✓	✓	✓		1、 EOL
	VISION	4G18N Engine Delphi MT22.1		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran
		4G15N Engine Delphi MT22.1		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	
		Delphi MT22.1(CANBUS)		CANBUSII	✓	✓	✓	✓	✓	1、 Write VIN 2、 ToothErrorCorrection leran
		BOSCH ABS8		CANBUSII	✓	✓	✓	✓	✓	
		Aerospace Hi-Tech ICU(CANBUS)		CANBUSII	✓	✓	✓	✓	✓	1、 Write VIN 2、 Write Configuration
		BMBS		SMART OBDII-16		✓	✓	✓		1、 learning function
	JinYing	Delphi MT20U2		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Freeze Frame data 2、 EOL
		UAES EOBD system		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame
		SABS MK60 ABS		SMART OBDII-16	✓	✓	✓	✓		1、 Hydraulic unit test 2、 leeding and fill brake fluid 3、 ECU coding
		SABS MK70 ABS		SMART OBDII-16	✓	✓	✓	✓		1、 Hydraulic unit test 2、 leeding and fill brake fluid 3、 ECU coding
		BOSCH AB8.0 AirBag		SMART OBDII-16	✓	✓	✓			1、 ECU configure 2、 Special Function
		YanFeng Key SRS		SMART OBDII-16		✓	✓	✓		1、 Program function 2、 2 airbag Automatic match 3、 6 airbag Automatic match
		UAES EOBD system		SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
	Chinese Dragon	SABS MK70 ABS		SMART OBDII-16	✓	✓	✓	✓		1、Hydraulic unit test 2、leeding and fill brake fluid 3、ECU coding
		JinHeng 4AB SRS		SMART OBDII-16	✓	✓	✓	✓		
	Panda (LC-1)	Delphi MT20U2		SMART OBDII-16	✓	✓	✓	✓	✓	1、Freeze Frame data 2、EOL
		UAES EOBD system		SMART OBDII-16	✓	✓	✓	✓	✓	1、Read FreezeFrame
		SABS MK70 ABS		SMART OBDII-16	✓	✓	✓	✓		1、Hydraulic unit test 2、leeding and fill brake fluid 3、ECU coding
		BOSCH AB10A AirBag		SMART OBDII-16		✓	✓	✓		1、Program function 2、2 airbag Automatic match 3、6 airbag Automatic match
		ShangHai STEC Immobilizer		SMART OBDII-16	✓	✓	✓	✓		1、Program function
		Immobilizer(UAES		SMART OBDII-16	✓	✓	✓	✓		1、Program function
		EPS		SMART OBDII-16		✓	✓			
		4G18N Engine Delphi MT22. 1 (CANBUS)		CANBUSII	✓	✓	✓	✓	✓	1、Write VIN 2、ToothErrorCorrection leran

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		MENU		Connector	Functions					Special Functions
Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	
Gleagle	GX7	Engine	4G18N Engine Delphi MT22. 1 (KWP2000)	SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran
		A/T	DSI 6AT	CANBUSII	✓	✓	✓	✓		1、 EOL
		ABS	BOSCH ABS8 (UDS)	CANBUSII	✓	✓	✓	✓	✓	1、 Writing data function 2、 Repair bleed
		SRS	TAKATA SRS (CANBUS)	CANBUSII	✓	✓	✓	✓		
		BCM	CONTINENTAL BCM (CANBUS)	CANBUSII	✓	✓	✓	✓	✓	1、 RKE Key Learn
			Lear BCM (KWP2000)	SMART OBDII-16	✓	✓	✓	✓	✓	1、 remote study 2、 write data
		ICU	DeKe ICU (CANBUS)	CANBUSII	✓	✓	✓		✓	
		IMMO	ShangHai STEC Immobilizer	SMART OBDII-16	✓	✓	✓	✓		1、 Program function
	TPMS	TPMS	SMART OBDII-16		✓	✓	✓		1、 Sensor learning	
				4G18N Engine Delphi MT22. 1 (CANBUS)	CANBUSII	✓	✓	✓	✓	1、 Write VIN 2、 ToothErrorCorrection leran
			Delphi MT80	SMART OBDII-16	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran	

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Car Name	Model	System	Sub System	Connector	Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
	GC7	Engine	UAES EMS (After-fault detection)	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame
			UAES EMS (Emissions testing)	CANBUSII						1、Current powertrain diagnostic data \$01 2、Emissions-related DTC \$03 3、Erase/Reset emission-related diagnostic information \$04 4、Diagnosis test result \$06 5、Check the current or last emission-related driving cycle\$07 6、Vehicle information \$09
		A/T	DSI 6AT	CANBUSII	√	√	√	√		1、EOL
		ABS	BOSCH ABS8	CANBUSII	√	√	√	√	√	
			BOSCH ABS8 (KWP2000)	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Exhaust function
		SRS	TAKATA SRS (CANBUS)	CANBUSII	√	√	√	√		
		ICU	Aerospace Hi-Tech ICU (CANBUS)	CANBUSII	√	√	√	√	√	1、Write VIN 2、Write Configuration
		IMMO	ShangHai STEC Immobilizer	SMART OBDII-16	√	√	√	√		1、Program function

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion		
		Engine	UAES EMS (After-fault detection)	SMART OBDII-16	√	√	√	√	√	1、 Read FreezeFrame	
			UAES EMS (Emissions testing)	CANBUSII							1、 Current powertrain diagnostic data \$01 2、 Emissions-related DTC \$03 3、 Erase/Reset emission-related diagnostic information \$04 4、 Diagnosis test result \$06 5、 Check the current or last emission-related driving cycle\$07 6、 Vehicle information \$09
			4G15 Engine Delphi MT22. 1	SMART OBDII-16	√	√	√	√	√		1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran

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Car Name	Model	System	Sub System	Connector	Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
Emgrand	EC7		4G18N Engine Delphi MT22.1(KWP2000)	SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran
			Landirengo CNG	CNG Special		✓	✓	✓		1、 Gas Switch
			UAES ME7 Start-stop	CANBUSII	✓	✓	✓	✓	✓	1、 Write VIN
		A/T	CVT A/T	CANBUSII	✓	✓	✓	✓		
			DSI 6AT	CANBUSII	✓	✓	✓	✓		1、 EOL
		ABS	BOSCH ABS8	CANBUSII	✓	✓	✓	✓	✓	
			BOSCH ABS8 (KWP2000)	SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Exhaust function
			CONTINENTAL MK60 ESC	CANBUSII	✓	✓	✓	✓	✓	1、 Hydraulic control unit test 2、 Filling and bleed
		SRS	AUTOLIV SRS	CANBUSII	✓	✓	✓	✓		
		BCM	CONTINENTAL BCM	CANBUSII	✓	✓	✓	✓	✓	
		ICU	CONTINENTAL ICM	CANBUSII		✓	✓		✓	
		IMMO	ShangHai STEC Immobilizer	SMART OBDII-16	✓	✓	✓	✓		1、 Program function
		TPMS	TPMS	SMART OBDII-16		✓	✓	✓		1、 Sensor learning
		BMBS	BMBS	SMART OBDII-16		✓	✓	✓		1、 learning function
		A/C	SiemensVDO A/C	SMART OBDII-16	✓	✓	✓	✓		
		Interior Rear view mirror	Interior Rear view mirror	CANBUSII	✓	✓	✓			1、 Control LED test

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	
EC8	Engine		Delphi MT80 Engine (KWP2000)	SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran
			Mitsubishi Engine(4G69 MIVEC)	SMART OBDII-16		✓	✓	✓	✓	1、 Read FreezeFrame 2、 Special function 3、 OBD-II test mode 4、 Test result
			Delphi MT22.1 (CANBUS)	CANBUSII	✓	✓	✓	✓	✓	1、 Write VIN 2、 ToothErrorCorrection leran
			Delphi MT22.1 (KWP2000)	SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN 3、 ToothErrorCorrection leran
	A/T		Mitsubishi A/T(4G69 MIVEC)	SMART OBDII-16		✓	✓	✓	✓	
			DSI 6AT	CANBUSII	✓	✓	✓	✓		1、 EOL
	ABS		BOSCH ABS8	SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Exhaust function
			BOSCH ABS8 (CANBUS)	CANBUSII	✓	✓	✓	✓	✓	
	SRS		AUTOLIV SRS	SMART OBDII-16	✓	✓	✓	✓		1、 Write configuration information

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Car Name	Model	System	Sub System	Connector	Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
		SRS	AUTOLIV SRS (CANBUS)	CANBUSII	√	√	√			1、 Write configuration information
		BCM	Lear BCM (KWP2000)	SMART OBDII-16	√	√	√	√	√	1、 remote study 2、 write data
			Lear BCM (CANBUS)	CANBUSII	√	√	√	√	√	1、 remote study 2、 write data
		ICU	DeKe ICU (CANBUS)	CANBUSII	√	√	√		√	
		IMMO	ShangHai STEC Immobilizer	SMART OBDII-16	√	√	√	√		1、 Program function
			Mitsubishi Immobilizer	SMART OBDII-16		√	√	√		1、 Key matching
		BMBS	BMBS	SMART OBDII-16		√	√	√		1、 learning function
		TPMS	HuiChuang TPMS	SMART OBDII-16	√	√	√	√		1、 Sensor learning
			M154 Engine system	SMART OBDII-16		√	√	√		1、 Read system parameter 2、 System status、 3、 Read physics parameter 4、 Read measure value 5、 Step motor Adaptation 6、 Actuator test 7、 Terminal element test 8、 Self-study reset
			M797 Engine system	SMART OBDII-16	√	√	√	√	√	1、 System status
			UAES EOBD system	SMART OBDII-16	√	√	√	√	√	1、 Read FreezeFrame

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	Special Functions
SMA		Engine	Delphi MT20U2	SMART OBDII-16	√	√	√	√	√	1、Freeze Frame data 2、EOL
			Delphi MT80	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Write VIN 3、 ToothErrorCorrection leran
			Carbinol Fuel Engine	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Manufacture Defined Data 3、O2 sensor test
			4G15 Engine Delphi MT22. 1	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Write VIN 3、 ToothErrorCorrection leran
			4G18N Engine Delphi MT22. 1	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Write VIN 3、 ToothErrorCorrection leran
			4G15N Engine Delphi MT22. 1	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Write VIN 3、 ToothErrorCorrection leran

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Car Name	Model	System	Sub System		Sys. Info.	Read code	Clear code	Data Stream	Actua tion	
		ABS	SABS MK60 ABS	SMART OBDII-16	√	√	√	√		1、Hydraulic unit test 2、leeding and fill brake fluid 3、ECU coding
			SABS MK70 ABS	SMART OBDII-16	√	√	√	√		1、Hydraulic unit test 2、leeding and fill brake fluid 3、ECU coding
			BOSCH 8.0 ABS	SMART OBDII-16	√	√	√	√	√	1、Repair Bleeding
			BOSCH ABS8	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Exhaust function
		SRS	LaiWoDe SRS (FLASH)	SMART OBDII-16		√				
			LaiWoDe SRS	SMART OBDII-16	√	√	√			1、Read the ignition circuit settings 2、Special function
			JinHeng 4AB SRS	SMART OBDII-16	√	√	√	√		
			CONTINENTAL SRS	SMART OBDII-16	√	√	√	√		1、Fire Setting 2、Write VIN
		Immobilizer	ShangHai STEC Immobilizer	SMART OBDII-16	√	√	√	√		1、Program function
		AT	DSI 6AT	CANBUSII	√	√	√	√		1、EOL
	TX4	Engine	4G69 Engine Delphi MT80	SMART OBDII-16	√	√	√	√	√	1、Read FreezeFrame 2、Write VIN
		A/T	DSI 6AT	CANBUSII	√	√	√	√		1、EOL

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ENGLON	SC515	CONTINENTAL SRS		SMART OBDII-16	✓	✓	✓	✓		1、 Fire Setting 2、 Write VIN
	SC7	Engine	Delphi MT22.1 Engine(KWP2000)	SMART OBDII-16	✓	✓	✓	✓	✓	1、 Read FreezeFrame 2、 Write VIN
			4G18N Engine Delphi MT22. 1 (CANBUS)	CANBUSII	✓	✓	✓	✓	✓	1、 Write VIN 2、 ToothErrorCorrection leran
		A/T	DSI 6AT	CANBUSII	✓	✓	✓	✓		1、 EOL
		ABS	BOSCH ABS8	CANBUSII	✓	✓	✓	✓	✓	
		ICU	Aerospace Hi-Tech ICU (CANBUS)	CANBUSII	✓	✓	✓	✓	✓	1、 Write VIN 2、 Write Configuration
		IMMO	ShangHai STEC Immobilizer	SMART OBDII-16	✓	✓	✓	✓		1、 Program function

(*):Tested;

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

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