

FAW V12.80 Diagnostics List (Note:For reference only)

Menu				Function					
Vehicle		System	Connector	System information	Read DTC	Clear DTC	Data stream	Act test	Special function
	Weichai	BOSCH EDC7	DIESEL-16	√	√	√	√		Function test Actuator test Troubleshooting guidance
		BOSCH EDC17 (CAN)	DIESEL-16	√	√	√	√		Freeze frame
	Xichai	Xichai BOSCH	DIESEL-16	√	√	√	√		Freeze frame System identification
		Xichai 4DF3	SMART OBD-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification
		Xichai Nanyue (CAN)	OBD-6&9 II		√	√	√		
		Xichai DENSO	DIESEL-16	√	√	√	√	√	Injector compensation quantity Freeze frame ECU data modification
		Xichai 6DL1 (DENSO)	DIESEL-16	√	√	√	√	√	Injector compensation quantity Freeze frame ECU data modification
		Xichai 6DL1 (BOSCH)	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification
		Xichai 6DL2	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification
		Xichai A00	DIESEL-16	√	√	√	√		Freeze frame
		Xichai B00	DIESEL-16	√	√	√	√		Freeze frame
		Xichai 4DL1	DIESEL-16	√	√	√	√		

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Menu		Connector	Function					Special function	
Vehicle	System		System information	Read DTC	Clear DTC	Data stream	Act test		
	System Type	Xichai6DM2 37E4	DIESEL-16	√	√	√	√		
		4DD	OBD-6&9 II	√	√	√	√		
	DEUTZ Dachai	Dachai 4DC2	SMART OBD-16	√	√	√	√	√	Actuation test Read parameters Engine Test ECU data modification
		Dachai 6DE3	OBD-6&9 II	√	√	√	√		
		Dachai BF4M	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification
		Dachai BF6M	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification
		Dachai 4JB1	DIESEL-16	√	√	√	√		Function test Actuator control Injector data
		WABCO ABS_ECU E version	DIESEL-16	√	√	√	√		Actuator control
	FEUP A	DIESEL-16	√	√	√	√			
	HPCR	DIESEL-16	√	√	√	√		Read environment variables	
	WEITE	OBD-6&9 II		√	√	√		Fuel adjustment Solenoid valve testing	
	Hengyang Pump	OBD-6&9 II		√	√	√			
	CNG Engine	DIESEL-16	√	√	√	√			
	天纳克 DCU	DIESEL-16				√			
	车身CAN网络系统	DIESEL-16						功能配置	

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Vehicle	System		System information	Read DTC	Clear DTC	Data stream	Act test		
	EDC17CV54 (740、760)	DIESEL-16	√	√	√	√		输入输出控制 修改电控数据	
	BOSCH自识别	DIESEL-16	√	√	√	√			
	FEUP OBD	DIESEL-16	√	√	√	√			
	Faw国四电控系统	DIESEL-16	√	√	√	√			
	Yuchai	Yuchai BOSCH EDC17	SMART OBD-16	√	√	√	√		
		Yuchai BOSCH EDC7	DIESEL-16	√	√	√	√	√	
	FAW J4	Xichai 6DL1 (DENSO)	DIESEL-16	√	√	√	√	√	Injector compensation quantity Freeze frame ECU data modification
		Xichai 6DL1 (BOSCH)	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification
		Dachai BF4M	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification
		Dachai BF6M	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification
		Dachai 6DE3	OBD-6&9 II	√	√	√	√		
		Xichai 6DF3	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification

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Vehicle		System	Connector	System information	Read DTC	Clear DTC	Data stream	Act test	Special function	
										FAW
Xichai 6DL1 (BOSCH)	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification			
Xichai 6DL2	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification			
Dachai BF6M	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification			
Xichai 6DM2	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification			
FAW J5M	Xichai 6DL1 (DENSO)	DIESEL-16	√	√	√	√	√	Injector compensation quantity Freeze frame ECU data modification		
	Xichai 6DL1 (BOSCH)	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification		
	Xichai 6DL2	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification		

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Vehicle		System	Connector	System information	Read DTC	Clear DTC	Data stream	Act test	Special function	
	Vehicle Type		Dachai BF6M	DIESEL-16	√	√	√	√	Actuator control Read environment variables ECU data modification Reading of pump classification	
			Dachai 6DE3	OBD-6&9 II	√	√	√	√		
			Xichai 6DF3	DIESEL-16	√	√	√	√	Function test Actuator control Freeze frame ECU data modification	
		FAW J5P	Xichai 6DL1 (DENSO)	DIESEL-16	√	√	√	√	√	Injector compensation quantity Freeze frame ECU data modification
			Xichai 6DL1 (BOSCH)	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification
			Xichai 6DL2	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification
			Dachai BF6M	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification
			Dachai 6DE3	OBD-6&9 II	√	√	√	√		
			Xichai 6DF3	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification

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Vehicle	System	Connector	System information	Read DTC	Clear DTC	Data stream	Act test	Special function	
	FAW J5K	Xichai 4DF3	SMART OBD-16	√	√	√	√	Function test Actuator control Freeze frame ECU data modification	
		Dachai 6DE3	OBD-6&9 II	√	√	√	√		
		Xichai 6DF3	DIESEL-16	√	√	√	√	Function test Actuator control Freeze frame ECU data modification	
		Dachai BF4M	DIESEL-16	√	√	√	√		
	FAW J5R	Xichai 6DL1 (DENSO)	DIESEL-16	√	√	√	√	√	Injector compensation quantity Freeze frame ECU data modification
		Xichai 6DL1 (BOSCH)	DIESEL-16	√	√	√	√		Function test Actuator control Freeze frame ECU data modification
		Dachai BF6M	DIESEL-16	√	√	√	√		Actuator control Read environment variables ECU data modification Reading of pump classification
	Xindawei	WP (Weichai)	DIESEL-16	√	√	√	√		Function test Actuator control Troubleshooting guidance
	Sailong	Dachai 4DC2	SMART OBD-16	√	√	√	√	√	Actuation test Read parameters Engine Test ECU data modification

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	Saiqilong	Xichai 4DF3	DIESEL-16	√	√	√	√	√	Function test Actuator control Freeze frame ECU data modification
	Saiqilin	Dachai 4DC2	SMART OBD-16	√	√	√	√	√	Actuation test Read parameters Engine Test ECU data modification
	Saiqilin	Xichai 4DF3	SMART OBD-16	√	√	√	√	√	Function test Actuator control Freeze frame ECU data modification
	Saihu	Dachai 4DC2	SMART OBD-16	√	√	√	√	√	Actuation test Read parameters Engine Test ECU data modification

(*):Tested;

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

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CONNECTOR	Heavy Duty(980390*****)	Heavy Duty(980391*****)
DIESEL-16	DIESEL-16	SMART OBD II-16E
OBD-6&9 II	OBD-6&9 II	SMART OBD II-16E
SMART OBDII-16	SMART OBD II-16H	SMART OBD II-16E



