

Model		System	Function					Remarks (other functions)
			Version info.	Read DTC	Clear DTC	Read data stream	Actuation test	
FCAR F3 Diagnostic List (notes: for reference only)		Automaker:		Chang'an Auto				
		Version:		v7.3				
Chang'an CM8	Bosch M797 engine	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer	
	Chang'an CM8 ABS system	√	√	√	√	√	Bleeding Mode	
	Chang'an CM8 SRS system	√	√	√	√	√	—	
Chang'an Benni	engine system (JL474Q2)	√	√	√	—	√	Read history DTC; Read dynamic data stream; Read state data stream;	
	Benni MT20UED engine	—	√	√	—	√	Main parameters; System state	
	ABS	√	√	√	√	√	Bleeding Mode	
	SRS system	—	√	√	√	—	System information	
	Power steering system	√	√	—	√	—	—	
	Aisin(SS8040)A/T	√	√	√	√	√	—	
	Siemens VDO SRS	√	√	√	√	—	—	
	Bosch M7 engine system	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer	
	Mando electric power steering system	√	√	√	√	—	—	
	Delphi MT20UED	√	√	√	√	√	Read history DTC; Read history DTC	
	Integrated immobiliser	√	√	√	√	—	Operating instructions; Enter security code; Key matching	
Chang'an Star	Bosch M154 engine	—	√	√	√	√	System state	
Chang'an Jie Xun	Engine system	√	√	√	—	√	Read dynamic data stream, Read state data stream; Read freeze	
	A/T system	—	√	√	—	—	—	
	ABS	√	√	√	√	√	Bleeding Mode	
	Aisin (SS8040)A/T	√	√	√	√	√	—	
	Siemens VDO SRS	√	√	√	√	—	—	
	SRS system	√	—	√	—	—	Read active DTC; Read history DTC; Read intermittent DTC;	
	UMC M7	—	√	√	√	√	—	
	Delphi MT20U2	—	√	√	√	√	Gear learning	
	Bosch M154 engine	—	√	√	√	√	Self-learning reset	

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		Version:		v7.3				
Chang'an Star	UMC ME797	√	√	√	—	√	Common data stream; System state; Read freeze frame	
	Bosch M797 engine	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer	
	Delphi engine system	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer	
	Denso engine system	—	√	√	—	√	System parameters; System state	
	MARELLI engine system	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer	
	Alsvin	UMC ME7971 engine	√	√	√	—	√	Common data stream; System state; Read freeze frame
		Bosch M7engine	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer
		East Joy Long SRS	√	√	√	√	—	Read history DTC
		Continental ABS	√	√	√	√	—	Element test; Hydraulic unit test; Exhaust filling test
		Atech BCM system	√	√	√	√	—	Remote control matching
		Aisin (SS8040) A/T	√	√	√	√	√	—
	Zhixiang	UMC ME7971 engine	√	√	√	—	√	Common data stream; System state; Read freeze frame
		Siemens VDO SRS	√	√	√	√	—	—
		Aisin (SS8040) A/T	√	√	√	√	√	—
		Atech BCM system	√	√	√	√	—	Remote control matching
		Delphi TCS system	√	√	√	√	—	System state; Exhaust function
		BOSCH TCS system	√	√	√	√	—	—
	CV7	UMC ME7971 engine	√	√	√	—	√	Common data stream; System state; Read freeze frame
		Autoliv airbag	√	√	√	√	—	Lock ignition system; Unlock ignition system; Activate impact output
		Mando ABS	√	√	√	√	√	Bleeding Mode
Shanghai Industrial security systems		√	√	√	√	—	Enter code; Key matching	

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长安汽车		FCAR F3 Diagnostic List (notes: for reference only)		Automaker:	Chang'an Auto				
				Version:	v7.3				
		CV9	UMC ME7971 engine	√	√	√	—	√	Common data stream; System state; Read freeze frame
			Autonet	√	—	√	—	—	Read active DTC; Read history DTC; Read intermittent DTC;
			Mando ABS	√	√	√	√	√	Bleeding Mode
			Aisin (YL5040) A/T	√	√	√	√	√	—
			Shanghai Industrial security systems	√	√	√	√	—	Enter code; Key matching
		B301	Delphi MT20U2 engine	√	√	√	√	√	Read history DTC; System state; CKP learning
			Bosch ABS system	√	√	√	√	√	Read freeze frame data; Exhaust function
			Autonet	√	—	√	—	—	Read active DTC; Read history DTC; Read intermittent DTC;
			Atech BCM system	√	√	√	√	—	Remote control matching
			Mando electric power steering system	√	√	√	√	—	—
		CX30	UMC ME797	√	√	√	—	√	Common data stream; System state; Read freeze frame
			Atech BCM system	√	√	√	√	—	Remote control matching
			Siemens VDO SRS	√	√	√	√	—	—
			UMC ME797	√	√	√	—	√	Common data stream; System state; Read freeze frame
			Bosch M797 engine	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer
			Bosch M154 engine	—	√	√	√	√	System state
			Delphi engine system	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer
			Denso engine system	—	√	√	—	√	System parameters; System state
	MARELLI engine system	√	√	√	—	√	System parameters; System state; Parameter adjustment; speedometer		
	ABS	√	√	√	√	√	—		
	Chang'an CM8 immobiliser	√	√	√	—	—	Read system state		
	SABS mk20	—	√	√	√	—	Valve actuation test		

Model		System	Function					Remarks (other functions)
			Version info.	Read DTC	Clear DTC	Read data stream	Actuation test	
		Visteon engine system	—	√	√	√	—	Self-detection
		Shanghai Industrial security systems	√	√	√	√	—	Enter code; Key matching
		Chongqing Integrated anti-theft system	√	√	√	√	—	Operating instructions; Enter security code; Key matching
		Delphi anti-theft system	√	√	√	√	—	Programming function
		Benni anti-theft system	√	√	√	√	—	Enter security code; Key matching
		CM8 anti-theft system	√	√	√	√	—	Enter code; Key matching
		Remon anti-theft system	√	√	√	√	—	Enter code; Key matching
		Jiexun anti-theft system	√	√	√	√	—	Enter code; Key matching
		SRS system						
		Bosch SRS	√	√	√	√	—	Reset function
		Engine system	√	√	√	√	√	CKP learning ; Read freeze frame data; Write VIN
		Transmission control unit	√	√	√	√	—	
		ABS	√	√	√	√	—	Hydraulic unit test; Exhaust filling test ; ECU coding
		East Joy Long SRS	—	√	√	—	—	
		B207 SRS system	√	√	√	—	—	
		Body control system	—	√	√	—	—	
		engine system	√	√	√	√	√	Write VIN; Level 1 safety certification
		Transmission control unit	√	√	√	√	√	Routine control
		ABS	√	√	√	√	—	Special features
		SRS system	√	√	√	√	—	Read ECU information; Read vehicle information; Write version information; ECU ignition set; ECU reset
		Electronic parking brake system	√	√	√	√	√	Routine control
		Auto leveling system	√	√	√	√	√	0 point learning
		Instrument panel(1.8L)	√	√	√	√	√	EOL function test
		Body control system (1.8L)	√	√	√	√	√	

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			Version info.	Read DTC	Clear DTC	Read data stream	Actuation test	
		Immobiliser	√	√	√	√	√	
		Electronic steering column system	√	√	√	√	√	
		Tyre pressure monitoring system	√	√	√	√	-	Write data; ECU hardware reset
		Parking radar system	√	√	√	√	-	
		A/C control system	√	√	√	√	√	ECU reset function
		Instrument panel (2.0L)	√	√	√	√	√	EOL configuration information
		Body control system (2.0L)	√	√	√	√	√	
S301		Engine system	√	√	√	√	-	Write VIN
		Transmission control unit	√	√	√	-	-	
		Instrument panel	√	√	√	-	-	Function configuration
		Body control system	√	√	√	-	-	
		Immobiliser	√	√	√	-	-	
		Parking radar system	√	√	√	-	-	
		A/C control system	√	√	√	-	-	Write vehicle EOL configuration information
		Electronic steering column system	√	√	√	-	-	
		Gateway system	√	√	√	-	-	Function configuration
		SRS system	√	√	√	√	-	Read ECU information; Read vehicle information; Write version information; ECU ignition set; ECU reset
		Tyre pressure monitoring system	√	√	√	-	-	
		Electronic power steering system	√	√	√	-	-	
		ABS	√	√	√	-	-	
		Electronic parking brake system	√	√	√	-	-	
		Electronic stability program	√	√	√	-	-	

Remarks: √ means the system support the function - means not