FCAR F3 Diagnostic List (note: for reference only)

manufacturer:	Bonluck
version:	V5.0

System	System	System	System	System	Function					
					Read DTC	History DTC	Actuationtest	Clear DTC	Read data stream	Remark (other functions)
		Standard J1939 protocol	CummInsISBe engine 24V		√	√	-	√	√	-
			CummInsISDe engine 24V		√	√	-	√	√	-
			CummInsISLe engine 24V		√	√	-	√	√	-
			CummInsISMe engine 24V		√	√	-	√	√	-
			CummInsISZe engine 24V		√	√	-	√	√	-
			Cummins ISBe type diesel engine	J1708 protocal diagnosis	√	-	-	√	√	read freeae frame,system ID and nameplate,drivin
				J1939 protocal diagnosis	√	-	-	√	√	Version information,Driving information
			Cummins ISBe4 type diesel engine	J1708 protocal diagnosis	√	-	-	√	√	-
				J1939 protocal diagnosis	√	-	-	√	√	-
			Cummins ISC/ISL type diesel engine	J1708 protocal diagnosis	√	-	-	√	√	-
				J1939 protocal diagnosis	√	-	-	-	√	Version informatio
			ISB	ISB CM2150D SAE J1708,Engine Control Module	√	√	-	√	√	-
				ISB CM2150D SAE J1939,Engine Control Module	√	√	-	√	√	-
				ISB CM550,Engine Control Module	√	√	-	√	√	-
				ISB CM850,Engine Control Module	√	√	-	√	√	-
				ISB 4.5/6.7-ISD 4.5/6.7 CM2150 SN,Engine Control Module	√	√	-	√	√	-
				ISBe CM800,Engine Control Module	√	√	-	√	√	-

Bonluck	Cummins diesel engine	Cummins special agreement		ISBe Edi04/5 CM2150 SAE J1708,Engine Control Module	√	√	-	√	√	-
				ISBe 2/3 CM850,Engine Control Module	√	√	-	√	√	-
				ISBe 4(4_6 cylinder)CM850 SAE J1708,Engine Control Module	√	√	-	√	√	-
				ISBe 4 SAE J1939,Engine Control Module	√	√	-	√	√	-
				ISC-ISL-ISB CM2250,Engine Control Module	√	√	-	√	√	-
			ISL	ISC - ISL - ISB CM2250, Engine Control Module	√	√	-	√	√	-
				ISC/ISL CM554,Engine Control Module	√	√	-	√	√	-
				ISDe -ISLe CM2150, Engine Control Module	√	√	-	√	√	-
				ISL CM2150, Engine Control Module	√	√	-	√	√	-
				ISL G CM2180A, Engine Control Module	√	√	-	√	√	-
				ISL8.9 CM850, Engine Control Module	√	√	-	√	√	-
				ISLe CM2150C, Engine Control Module	√	√	-	√	√	-
				ISLe4 (6 cylinder) CM850,Engine Control Module	√	√	-	√	√	-
				ISLe4.5 / 5 CM2150, Engine Control Module	√	√	-	√	√	-
			ISM	ISM - ISM11 CM876 SN,Engine Control Module	√	√	-	√	√	-
				ISM CM570,Engine Control Module	√	√	-	√	√	-
				ISM CM870, Engine Control Module	√	√	-	√	√	-
				ISM CM875, Engine Control Module	√	√	-	√	√	-
				ISM CM876, Engine Control Module	√	√	-	√	√	-
				ISMe4 CM876, Engine Control Module	√	√	-	√	√	-

		General Cummins Engine	J1708 agreement diagnosis		√	-	-	√	√	-
			J1939 agreement diagnosis		√	√	-	√	√	-
	Yuchai engine system	BOSCH Common Rail EDC16UC40	Static diagnosis	√	√	√	-	√	√	fuel volume balance matching
			Dyamic diagnosis	√	-	-	√	√		Function test
		BOSCH Common Rail EDC7	Static diagnosis	-	√	√	-	√	√	Fault solution instruction
			Dyamic diagnosis	-	-	-	√	√	-	Function test
		BOSCH self-identification		-	√	√	-	√	√	-
		Yuchai Euro IV engine(CAN)		-	√	√	-	√	√	-
remark: √ means system has this function - means not										

FCAR F3 Diagnostic List (Note: for reference only)

Manufacturer:	CAT
Version:	V5.6

Model	System	System	System	Function						
				Version info.	Read DTC	Clear DTC	Read data stream	Action test	Read freeze frame	Remark (other functions)
CAT	CAT Construction Machinery	320D/323D	Engine system	√	-	-	√	-	-	-
			Hydraulic system	√	√	-	√	√	-	-
		312	Engine system	√	-	-	√	-	-	Injector Data
			Hydraulic system	√	√	-	√	√	-	-
		320C/323C		√	√	-	√	√	-	-
		385C/385D	Engine system	√	-	-	√	-	-	Injector Data
			Hydraulic system	√	√	-	√	√	-	-
		330C/330D	Engine system	√	√	-	√	-	-	Injector Data
			Hydraulic system	√	√	-	√	√	-	-
			Monitor system	√	-	-	-	-	-	-
	CAT Bus			√	√	-	√	√	-	-

Remark: √ means the system with this function. - means not.

FCAR F3 Diagnostic List (note: for reference only)

								manufacturer:	Cummins
								version:	V7.3
System	System	System	System	Function					
				Read DTC	History DTC	Actuationt est	Clear DTC	Read data stream	Remark (other functions)
	Standard J1939 protocol	CumminsISBe		√	√	–	√	√	–
		CumminsISDe engine 24V		√	√	–	√	√	–
		CumminsISLe engine 24V		√	√	–	√	√	–
		CumminsISMe engine 24V		√	√	–	√	√	–
		CumminsISLe engine 24V		√	√	–	√	√	–
		Cummins ISBe type diesel engine	J1708 protocal diagnos	√	–	–	√	√	read freeae frame,system ID and nameplate,drivin
			J1939 protocal diagnos	√	–	–	√	√	Version information,Driving information
		Cummins B5.9G type natural gas engine		√	–	–	√	√	Read freeae frame,system ID and nameplate,advanced ECM test
		Cummins ISBe4 type diesel engine	J1708 protocal diagnos	√	–	–	√	√	-
			J1939 protocal diagnos	√	–	–	√	√	-
		Cummins ISC/ISL type diesel engine	J1708 protocal diagnos	√	–	–	√	√	-
			J1939 protocal diagnos	√	–	–	–	√	Version informatic
		Cummins QSB diesel engine		√	–	–	√	√	Idle speed adjustment; Fuel moisture content sensors
		CumminsISDE diesel engine		√	–	√	√	√	Maintenance light return to zero
		CumminsISLE diesel engine		√	–	√	√	√	Maintenance light return to zero

Cummins ISF2.8/3.8 CM2220 engine		√	–	√	√	√	Maintenance light return to zero;Injector fresh;Characteristics and parameter	
12V140	12V140 CM850,Engine Control Module	√	√	–	√	√	–	
4D95	4D95 CM2150,Engine Control Module	√	√	–	√	√	–	
6D125/6D140/6D170	6D125/6D140/6D170 CM850,Engine Control Module	√	√	–	√	√	–	
B5.9G	B5.9G,Engine Control Module	√	√	–	√	√	–	
C8.3	C8.3 Marine,Engine Control Module	√	√	–	√	√	–	
C8.3G	C8.3G,Engine Control Module	√	√	–	√	√	–	
Celect	Celect Plus,Engine Control Module	√	√	–	√	√	–	
	Celect,Engine Control Module	√	√	–	√	√	–	
Centry	Centry,Engine Control Module	√	√	–	√	√	–	
GTA	GTA3.9-5.9-8.3 GC CM558,Engine Control Module	√	√	–	√	√	–	
Gas Plus	L/C/B/Gas Plus,KTA/GTA,Engine Control Module	√	√	–	√	√	–	
	ISB CM2150D SAE J1708,Engine Control Module	√	√	–	√	√	–	
	ISB CM2150D SAE J1939,Engine Control Module	√	√	–	√	√	–	

		ISB	ISB CM550,Engine Control Module	√	√	-	√	√	-
			ISB CM850,Engine Control Module	√	√	-	√	√	-
			ISB 4.5/6.7-ISD 4.5/6.7 CM2150 SN,Engine Control Module	√	√	-	√	√	-
			ISBe CM800,Engine Control Module	√	√	-	√	√	-
			ISBe Euro4/5 CM2150 SAE J1708,Engine Control Module	√	√	-	√	√	-
			ISBe 2/3 CM850,Engine Control	√	√	-	√	√	-
			ISBe 4(4_6 cylinder)CM850 SAE J1708,Engine Control Module	√	√	-	√	√	-
			ISBe 4 SAE J1939,Engine Control Module	√	√	-	√	√	-
			ISC-ISL-ISB CM2250,Engine Control Module	√	√	-	√	√	-
		ISC	ISC-ISL-ISB CM2250,Engine Control Module	√	√	-	√	√	-
			ISC-ISL CM2150,Engine	√	√	-	√	√	-
			ISC CM2150,Engine Control Module	√	√	-	√	√	-
			ISC CM850,Engine Control Module	√	√	-	√	√	-
			ISC,Engine Control Module	√	√	-	√	√	-
			ISC/ISL CM554,Engine Control Module	√	√	-	√	√	-

Cummins diesel engine	Cummins special agreement	ISD	ISB 4.5/6.7-ISD 4.5/6.7 CM2150 SN,Engine Control Module	√	√	-	√	√	-
			ISDe - ISLe CM2150 ,Engine Control Module	√	√	-	√	√	-
			ISDe CM2150,Engine Control Module	√	√	-	√	√	-
		ISF	ISF 2.8-ISF 3.8 CM2220,Engine Control Module	√	√	-	√	√	-
			ISF 2.8 CM2220 S ,Engine Control Module	√	√	-	√	√	-
			ISF 3.8 CM2220 S,Engine Control Module	√	√	-	√	√	-
			ISFe CM2220 S,Engine Control Module	√	√	-	√	√	-
		ISL	ISC - ISL - ISB CM2250, Engine Control Module	√	√	-	√	√	-
			ISC/ISL CM554,Engine Control Module	√	√	-	√	√	-
			ISDe -ISLe CM2150, Engine Control	√	√	-	√	√	-
			ISL CM2150, Engine Control Module	√	√	-	√	√	-
			ISL G CM2180A, Engine Control	√	√	-	√	√	-
			ISL8.9 CM850, Engine Control Module	√	√	-	√	√	-
			ISLe CM2150C, Engine Control Module	√	√	-	√	√	-
			ISLe4 (6 cylinder) CM850,Engine Control Module	√	√	-	√	√	-
			ISLe4.5 / 5 CM2150, Engine Control	√	√	-	√	√	-

ISM	ISM - ISM11 CM876 SN,Engine Control Module	√	√	-	√	√	-
	ISM CM570,Engine Control Module	√	√	-	√	√	-
	ISM CM870, Engine Control Module	√	√	-	√	√	-
	ISM CM875, Engine Control Module	√	√	-	√	√	-
	ISM CM876, Engine Control Module	√	√	-	√	√	-
	ISMe4 CM876, Engine Control Module	√	√	-	√	√	-
ISX	ISX /ISZ13 CM2150 SN, Engine Control	√	√	-	√	√	-
	ISX CM2250, Engine Control Module	√	√	-	√	√	-
	ISX CM871, Engine Control Module	√	√	-	√	√	-
	Signature ISX CM570, Engine Control	√	√	-	√	√	-
	Signature ISX CM870 SAE J1708, Engine Control Modul	√	√	-	√	√	-
	Signature ISX CM870 SAE J1939, Engine Control Modul	√	√	-	√	√	-
ISZ	ISX /ISZ13 CM2150 SN, Engine Control	√	√	-	√	√	-
	ISZ CM2150D, Engine Control Module	√	√	-	√	√	-
KTA	KTA19GC CM558, Engine Control	√	√	-	√	√	-
	KTA38GC CM558,Engine Control Module	√	√	-	√	√	-
L10G	L10G Engine Control Module	√	√	-	√	√	-

		QSB	QSB 5.9/44 - 5.9/30 - 4.5/30 - 3.9/30,Engine Control Module	√	√	-	√	√	-
			QSB CM850, Engine Control Module	√	√	-	√	√	-
			QSB3.3 CM2150D, Engine Control	√	√	-	√	√	-
			QSB4.5 -5.9 -6.7 CM850, Engine Control Module	√	√	-	√	√	-
			QSB5/7 CM850 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSB6.7 CM2250, Engine Control	√	√	-	√	√	-
		QSC	QSC8.3 CM850, Engine Control Module	√	√	-	√	√	-
			QSC8.3/QSL9, Engine Control Module	√	√	-	√	√	-
			QSK19 CM2150 MCRS, Engine Control	√	√	-	√	√	-
			QSK19 CM2150 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSK19 CM850 MCRS,Engine Control Module	√	√	-	√	√	-
			QSK19 CM850 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSK19/23 CM500,Engine Control	√	√	-	√	√	-
			QSK19/45/60/78, Engine Control	√	√	-	√	√	-
			QSK19G,Engine Control Module	√	√	-	√	√	-
			QSK23/60/78 CM500 Power Gen, Engine Control Module	√	√	-	√	√	-

		QSK	QSK23/60/78 CM850 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSK38 CM850 MCRS,Engine Control Module	√	√	-	√	√	-
			QSK38 CM850 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSK38/50/60 CM2150 MCRS, Engine Control Module	√	√	-	√	√	-
			QSK38/50/60 CM2150 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSK45G, Engine Control Module	√	√	-	√	√	-
			QSK50/60 CM850 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSK60G, Engine Control Module	√	√	-	√	√	-
		QSL	QSC8.3/QSL9, Engine Control Module	√	√	-	√	√	-
			QSL CM850, Engine Control Module	√	√	-	√	√	-
			QSL9 CM2250, Engine Control Module	√	√	-	√	√	-
			QSL9 CM850, Engine Control Module	√	√	-	√	√	-
		QSM	QSM11 CM876 Power Gen, Engine Control Module	√	√	-	√	√	-
			QSM11, Engine Control Module	√	√	-	√	√	-
		QST	QST30 Industrial, Engine Control	√	√	-	√	√	-
		QSV	QSV81/91, Engine Control Module	√	√	-	√	√	-

		QSX	Signature QSX15 CM570,Engine Control Module	√	√	-	√	√	-
	General Cummins Engine	J1708 agreement diagnosis		√	-	-	√	√	-
		J1939 agreement diagnosis		√	√	-	√	√	-
remark: √ means system has this function - means not									

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FCAR F3 Diagnosis list (Note: for reference only)

Automaker:	Dachai
Version:	V7.1

Model	System	System	Function					
			Version Info	Read DTC	Clear DTC	Read Data Stream	Actuation Test	Remark (Additional Function)
Dachai	BOSCH EDC17CV54+EGR_EURO IV		√	√	√	√	-	
	4JB1 type BOSCH Commom Rail System	4JB1 Engion(BOSCH Diesel)	√	√	√	√	√	Injector Data,Function Test
	NANYUE Unit Pump System	NANYUE Unit Pump System(J1939)	-	√	√	√	-	History DTC
		NANYUE Unit Pump System_R01 4 cyl	-	√	√	√	-	-
		NANYUE Unit Pump System_R01 6 cyl	-	√	√	√	-	-
		NANYUE Unit Pump System_R02	-	√	√	√	-	-
	WIT Unit Pump System	WIT Unit Pump System(RS232)(For Yuchai only)	-	√	√	√	-	-
		WIT Unit Pump System(J1939)	-	√	√	√	-	History DTC
		WIT Unit Pump System(RS232)	-	√	√	√	-	-
	Deutz Engion System	Deutz FAW Dachai Engion	√	√	√	√	√	Function Test
		Deutz BF4M Unit Pump System	√	√	√	√	-	Actuator Control, Modify Data of Electronic Control System, Pump grading read
		Deutz FEUPI Unit Pump System	√	√	√	√	-	-
		Deutz BF6M Unit Pump System	√	√	√	√	-	Actuator Control, Modify Data of Electronic Control System, Pump grading read
	BF4M Unit Pump System	Dachai Deutz	√	√	√	√	-	Actuator Control, Modify Data of Electronic Control System, Pump grading read
	BF6M Unit Pump System	Dachai Deutz	√	√	√	√	-	Actuator Control, Modify Data of Electronic Control System, Pump grading read
	BOSCH System Self-identification		√	√	√	√	-	Some self-recognition systems have actuation test function
	Dachai 4DC2		√	√	√	√	√	Engion Test
	FAW Dachai 6DE3/4DE3	Engion Fault Code	-	√	√	-	-	History DTC
		Data Stream Set	-	-	-	√	-	-
		Dachai Engion(MOTOROLA)	-	√	√	√	√	Service Light Rest
	BOSCH Commom Rail_EDC16UC40	Static diagnostic data	√	√	√	-	-	Oil Balance Matching,Read Freeze Frame
		Dynamic diagnostic data	√	-	-	√	√	Function Test

Remark: √ means the system support the function -means not.

FCAR F3 Diagnosis list (Note: for reference only)

Automaker:	Demo
Version:	V5.3

Model	System	System	Function						
			Version Info	Read DTC	Clear DTC	Read Data Stream	Actuation Test	Read Freeze Frame	Remark (Other Functions)
Demo	Bosch System (BOSCH)	Static Diagnosis	√	√	√	-	-	√	Troubleshootging Guide
		Dynamic Diagnosis	√	-	-	√	√	-	Fucntion Test
	Denso System (DENSO)	P11C type DENSO system	√	√	√	√	√	-	Injector Data, history DTC
	Delphi System (DELPHI)	DELPHI Common Rail Euro III	√	√	√	√	√	-	Injector Data, Write VIN, Leakage Test

Remark: √ means the system supports this function -means not.

FCAR F3 Diagnosis list

Automaker:	detroit
Software Version:	V5.4

Models	System	System	Function					
			Version info.	Readout DTC	History DTC	Clear DTC	Readout Data stream	Remark(other functions)
detroit	J1587 Diagnosis protocol		-	√	-	√	√	-
	MCM TEST	MCM	√	√	-	√	√	-
	CPC02 TEST	CPC02T	√	√	-	√	√	-
		CPC2	√	√	-	√	√	-
	J1939 Diagnosis protocol	engineSystem	-	√	√	√	√	-

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnostic List (Note: for reference only)

Manufacturer:		Doosan engine
Version:		V5.3

Model	System	System	System	Function					
				Version Info.	Read DTC	Clear DTC	Read data stream	Advanced Function	Remark (other functions)
Doosan Engine	Doosan Engine Auto Identification	BOSCH Common Rail	EDC7UC31	√	√	√	√	√	-
			EDC7C1	√	√	√	√	√	-
	DL 08(step3)			√	√	√	√	√	-
	DV 11(step3)			√	√	√	√	√	-
	DL 06			√	√	√	√	√	-
	DL 08			√	√	√	√	√	-
	DV 11			√	√	√	√	√	-

Remarks: √ means the system has this function -means not.

FCAR F3 Dignostic List (Note: for reference only)

Automaker:	FAW-SIHUAN
Version:	V5.3

Model	System	Function						
		Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Injector data	Remarks (other functions)
FAW-SIHUAN	BOSCH Common Rail System CA4D28CRZ Type	√	√	√	√	√	√	-

Remark: √ means the system has this function -means not

FCAR F3 Diagnostic List (Note: For reference only)

Automaker:	Hino
Version:	V7.6

Model	System	System type	Function							
			Version Info.	Read DTC	Histroy DTC	Clear DTC	Read Data Stream	Action test	Special Function	Remarks (Other functions)
		E13CTJ Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		E13CTK Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		E13CTM Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

		E13CTL Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		E13CTN Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		E13CTP Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		E13CTR Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

E13CTS Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CTT Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08ETB Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08ETE Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

J08ETA Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J05DTA Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J05DTA Engine trial	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
P11CUH Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

P11CUJ Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CUN Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CUR Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CUK Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

E13CUL Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CUP Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J07ETB Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J05DTC Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

E13CVT Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CUT Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08ETN Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08ETT Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

J08ETL Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08ETU Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CUU Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CUM Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

E13CUS Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08EUB Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08EUA Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08EUC Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

J08EUD Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08EUE Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J05DTG Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J05ETC Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

J05ETD Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08ETW Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08EUJ Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08ETV Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

	Engine system(KWP communication)	J05DTF Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		E13CUY Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		P11CUR Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		J08EUR Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

E13CVA Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
E13CVB Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
P11CUV Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
J08EUP Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

		J08EUS Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		J08EUL Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		J08EUT Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		J08EUU Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function

Hino		J05ETF Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		E13CVC Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		Training Board	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test and vehicle speed limit setting function
		A09C	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function

		A09CTJ	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
		A09CTK	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
		J05ETB Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
		J05ETA Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function

P11CUN Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J08ETM Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J05ETG Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
P11CUP Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function

E13CUV Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J08ETH Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J08ETG Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J08EUK Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function

P11CUT Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
N04CUA Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J08EUM Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
J05ETH Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function

J08EUN Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
P11CUU Engine	√	√	√	√	√	√	DPR state check, DPR state reset, DPR differential pressure detection	Read and Write injector data,Boost test function
S05C	√	√	√	√	√	√	-	Read and Write injector data
S05D	√	√	√	√	√	√	-	Read and Write injector data
S05DC LEV	√	√	√	√	√	√	-	Read and Write injector data
N04CTE (DPR)	√	√	√	√	√	√	-	Read and Write injector data
N04CTB (DPR)	√	√	√	√	√	√	-	Read and Write injector data
N04CTB (DPR)	√	√	√	√	√	√	-	Read and Write injector data

S05DD (DPR)	√	√	√	√	√	√	-	Read and Write injector data
N04CTG (DPR)	√	√	√	√	√	√	-	Read and Write injector data
N04CTA (DPNR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N05CTA (DPNR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N04CTD(DPR)/E(HEV) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N04CTB (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N04CTF /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N04CTD (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N04CTB (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N04C (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
N04C (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data

		J05DTB (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
		S05DD (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
		N04CTC (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
		N04CTB (DPR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
		S05CTB (16bit Common rail)	√	√	√	√	√	√	-	Read and Write injector data
		Hino engine	√	√	√	√	√	√	-	Read and Write injector data
		N04CTK engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CT engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTQ engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTR engine	-	√	-	√	√	√	-	Read and Write injector data

		N04CTS engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTU engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTP engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTW engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTT engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTV engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTM engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTH engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTJ engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTN engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTL engine	-	√	-	√	√	√	-	Read and Write injector data

		N04CUD engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUE engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUJ engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUH engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUK engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUG engine	-	√	-	√	√	√	-	Read and Write injector data
		Engine DENSO engine	-	√	-	√	√	√	-	Read and Write injector data
		E13C-VH engine	-	√	-	√	√	√	-	-
		E13C-VJ engine	-	√	-	√	√	√	-	-
		E13C-VK engine	-	√	-	√	√	√	-	-

	Engine system(CAN communication)	E13C-VL engine	-	√	-	√	√	√	-	-
		J08E-VC engine	-	√	-	√	√	√	-	-
		J08E-VB engine	-	√	-	√	√	√	-	-
		A09C-TL engine	√	√	-	√	√	√	Injector Compensation;DPR Status;Reset all DPR status;Forced DPR regeneration;Differential pressure check.	-
		A09C-TM engine	√	√	-	√	√	√	Injector Compensation;DPR Status;Reset all DPR status;Forced DPR regeneration;Differential pressure check.	-
		A09C-TP engine	√	√	-	√	√	√	Injector Compensation;DPR Status;Reset all DPR status;Forced DPR regeneration;Differential pressure check.	-
		A09C-TR engine	√	√	-	√	√	√	Injector Compensation;DPR Status;Reset all DPR status;Forced DPR regeneration;Differential pressure check.	-

		E13C-VM engine	-	√	-	√	√	√	-	-
		E13C-VN engine	-	√	-	√	√	√	-	-
		E13C-VP engine	-	√	-	√	√	√	-	-
		E13C-VR engine	-	√	-	√	√	√	-	-
		E13C-VS engine	-	√	-	√	√	√	-	-
		J07E-TM engine	-	√	-	√	√	√	-	-
		J07E-TL engine	-	√	-	√	√	√	-	-
		J07E-TK engine	-	√	-	√	√	√	-	-
		J08E-VH engine	-	√	-	√	√	√	-	-
		J08E-VF engine	-	√	-	√	√	√	-	-
		J08E-VG engine	-	√	-	√	√	√	-	-
		J07E-TS engine	-	√	-	√	√	√	-	-
		A09C-TU engine	√	√	-	√	√	√	Injector Compensation;DPR Status;Reset all DPR status;Forced DPR regeneration;Differential pressure check	-

	A09C-TT engine	√	√	-	√	√	√	Injector Compensation;DPR Status;Reset all DPR status;Forced DPR regeneration;Differential pressure check.	-
	J07E-TR engine	-	√	-	√	√	√	-	-
	J07E-TP engine	-	√	-	√	√	√	-	-
	J07E-TN engine	-	√	-	√	√	√	-	-
	J08E-VE engine	-	√	-	√	√	√	-	-
	J08E-VD engine	-	√	-	√	√	√	-	-
	J08E-VB engine	-	√	-	√	√	√	-	-
	Engine DENSO engine	-	√	-	√	√	√	-	-
	Engine BOSCH engine	-	√	-	√	√	√	-	-
SRS		-	√	-	√	√	-	-	-
VCS		-	√	-	√	√	-	-	-
Immobilizer		-	√	-	√	√	-	-	-

	Suspension system		-	√	√	√	-	-	-	-
	Transmission		-	√	-	√	√	-	-	-
	ABS		-	√	-	√	√	-	-	-
	Divided according to the vehicle type	ABS(weboc)	-	√	-	√	-	-	-	-
		ABS	-	√	-	√	-	-	-	-
		AT	-	√	-	√	√	-	-	-
		Proshift	-	√	-	√	-	-	Frequency Of Mode Use, Clock Setup	-
		SRS Airbag(DUTRO/RANGER)	-	√	√	√	-	-	-	-
		SRS Airbag(PROFIA)	-	√	√	√	-	-	-	-

Remarks: √ means the system has this function - means not

FCAR F3 Diagnosis list

Automaker:	HUA YUAN LAI DONG
Software Version:	V5.2

Models	System	Function						
		Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Engine test	Remark(other functions)
HUA YUAN LAI DONG	BOSCH Common RailSystem3L16CR type	-	√	√	√	√	√	-

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnsotic List (Note: for reference only)

Automaker:	Isuzu Qingling
Version:	v9.0

Model	System	System	Function						
			Version Info	Rear DTC	Erase DTC	Read Data stream	Action test	Injector data	Remark (other functions)
	EURO 2 engine	6W*1(RED4)	√	√	√	√	-	-	-
		6DS1(C/Rail)	√	√	√	√	-	-	-
	4HL1	4HL1 engine	-	√	√	√	√	√	-
		ABS	-	√	√	-	√	-	-
		SRS	-	√	√	√	-	-	-
		HSA/CFS	√	√	√	-	-	-	-
	4HL1-TC	4HL1-TC engine	-	√	√	√	√	√	-
		ABS	-	√	√	-	√	-	-
		SRS	-	√	√	√	-	-	-
		HSA/CFS	√	√	√	√	-	-	-
	4HL1-NA	4HL1-NA engine	-	√	√	√	√	√	DPD Forced Regeneration; DPD Regeneration Data Reset
		ABS	-	√	√	-	√	-	-
		SRS	-	√	√	√	-	-	-
		HSA/CFS	√	√	√	-	-	-	-
	4HE1-TC		√	√	√	√	-	-	-
	4JX1(3.0 L4)		√	√	√	√	-	-	-
	4HJ1-TC(02.06--03.04)		-	√	√	√	√	-	-
	6WG1-TC	POWERTRAIN	-	√	√	√	√	-	-
		ABS	√	√	√	√	√	-	-
		Airbag	-	√	√	√	-	-	-
		HSA/CFS	√	√	√	-	-	-	-
	4HK1-TC	Euro 2/Euro 3	√	√	√	√	√	-	-
		Euro 4	√	√	√	√	√	√	-
		Euro 5	√	√	√	√	√	√	-
		ABS	-	√	√	-	-	-	-
		Airbag	-	√	√	√	-	-	-

	Smoother	-	√	√	√	-	-	-
	Immobilizer	√	√	-	√	-	-	-
2.0L L4 SOHC		√	√	√	√	-	-	-
2.2L L4 SOHC		√	√	√	√	-	-	-
2.5L 4JK1-TC		-	√	√	√	√	√	-
3.0L 4JJ1-TC		-	√	√	√	√	√	-
4JH1-T Denso		-	√	√	√	√	-	-
3.2L V6 6VD1		-	√	√	√	-	-	-
4ZE1		-	√	√	√	-	-	-
3.5L V6 6VE1		-	√	√	√	-	-	-
4JBITEngine (Bosch diesel)		√	√	√	√	√	√	Engine test
Dachai Engine (Bosch diesel)		√	√	√	√	√	√	Engine test
Xichai Engine (Bosch diesel)_24V		√	√	√	√	√	√	Engine test
Chaochai Engine (Bosch diesel)_24V		√	√	√	√	√	√	Engine test
Cummins unit pump diesel Engine _24V		√	√	√	√	√	√	Engine test
Perkins diesel Engine _24V		√	√	√	√	√	√	Engine test
Weichai Engine		√	√	√	√	√	-	Function test ,Read freeze frame
6HK1-TC type engine		√	√	√	√	√	√	Fuel delivery rate,Reset fuel pump correction
6HK1E3S type engine		√	√	√	√	√	√	Fuel delivery rate,Reset fuel pump correction
6HE1-TC type engine		-	√	-	√	-	-	-
6SD1-TC type engine		-	√	-	√	-	-	-

Isuzu Qinglin g	4JB1 type engine		-	√	√	√	-	-	Read historical fault code
	4JH1-TC	4JH1-TC1	-	√	√	√	-	-	Read historical fault code
		4JH1-TC2	-	√	√	√	√	-	-
	4JJ1-TC	Euro 2/Euro 3	√	√	√	√	√	√	DPD Forced Regeneration; DPD Regeneration Data Reset
		Euro 4	√	√	√	√	√	√	-
		Euro 5	√	√	√	√	-	-	Read historical fault code
		ABS(Euro IV)	-	√	√	-	-	-	-
		Airbag	-	√	√	√	-	-	-
		Smoother	-	√	√	√	-	-	-
		Immobilizer	-	√	√	√	-	-	-
	6UZ1-TC type engine		√	√	√	√	√	√	Fuel delivery rate,Reset fuel pump correction
	6HL1 type engine		√	√	√	√	√	√	Fuel delivery rate,Reset fuel pump correction
	6WF1-TC type engine		√	√	√	√	√	√	Fuel delivery rate,Reset fuel pump correction
	4KH1-TC		-	√	√	√	√	-	Special function
	Isuzu 4HF1(CNG)Engine system		√	√	√	√	√	-	Programming

Isuzu 4JG2(LPG)	Engine system	√	√	√	√	√	-	Programming
	ABS	-	√	√	-	√	-	-
	Smoother	-	√	√	√	-	-	-
Isuzu 4HV1(CNG)		√	√	√	√	√	-	Programming
4HK1_TC(AT)		-	√	√	√	√	-	-
Isuzu Immobilizer)		√	√	√	√	-	-	-
4HG1(LPG)		√	√	√	√	√	-	Programming
Isuzu 4JG2Engine system		-	√	√	√	-	-	-
AT_JR405E		-	√	√	√	√	-	Programming
Engine (construction machinery)	4HK1 type engine	√	√	√	√	√	√	
	6HK1 type engine	√	√	√	√	√	√	
	4JJ1 type engine	√	√	√	√	√	√	
	6WG1 type engine	√	√	√	√	√	√	
	6UZ1 type engine	√	√	√	√	√	√	-
6WF1-TC	Engine system	√	√	√	√	√	√	-
	Chassis ESC(with EBS)	-	√	√	√	-	-	-

		Chassis ABS 6	-	-	√	√	√	-	Read current fault code,Read historical fault code
	4JB1-TCT/TC1 type(100P)		√	√	√	√	-	-	Matching/Set
	6WF1(Euro 2)		-	√	-	-	-	-	-
	6HK1-TC300		-	√	-	-	-	-	-
	6HK1X2Engine system		-	√	√	√	-	-	-
	6HK1XREngine system		-	√	√	√	-	-	-
Note:√ means the system has this function - means not									

FCAR F3 Diagnostic List (Note: For reference only)

Automaker:	KOBELCO MACHINE
Version:	V5.5

Model	System	System type	Function							
			Version Info.	Read DTC	Histroy DTC	Clear DTC	Read Data Stream	Action test	Special Function	Remarks (Other functions)
		E13CTJ Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTK Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTM Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTL Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTN Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTP Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTR Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTS Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CTT Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08ETB Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08ETE Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08ETA Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J05DTA Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J05DTA Engine trial	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		P11CUH Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector

P11CUJ Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUN Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUR Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUK Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUL Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUP Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J07ETB Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J05DTC Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CVT Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUT Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08ETN Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08ETT Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08ETL Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08ETU Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUU Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUM Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUS Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08EUB Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector

	Engine system(KWP communication)	J08EUA Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08EUC Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08EUD Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08EUE Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J05DTG Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J05ETC Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J05ETD Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08ETW Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08EUJ Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08ETV Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J05DTF Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CUY Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		P11CUR Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08EUR Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CVA Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		E13CVB Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		P11CUV Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
		J08EUP Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector

J08EUS Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08EUL Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08EUT Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08EUU Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J05ETF Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CVC Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
Training Board	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
A09C	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
A09CTJ	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
A09CTK	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J05ETB Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J05ETA Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
P11CUN Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08ETM Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J05ETG Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
P11CUP Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
E13CUV Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
J08ETH Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector

Hino	J08ETG Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	J08EUK Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	P11CUT Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	N04CUA Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	J08EUM Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	J05ETH Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	J08EUN Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	P11CUU Engine	√	√	√	√	√	√	DPR state check, DPR state reset,	Read and Write injector
	S05C	√	√	√	√	√	√	-	Read and Write injector data
	S05D	√	√	√	√	√	√	-	Read and Write injector data
	S05DC LEV	√	√	√	√	√	√	-	Read and Write injector data
	N04CTE (DPR)	√	√	√	√	√	√	-	Read and Write injector data
	N04CTB (DPR)	√	√	√	√	√	√	-	Read and Write injector data
	N04CTB (DPR)	√	√	√	√	√	√	-	Read and Write injector data
	S05DD (DPR)	√	√	√	√	√	√	-	Read and Write injector data
	N04CTG (DPR)	√	√	√	√	√	√	-	Read and Write injector data
	N04CTA (DPNR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data
	N05CTA (DPNR) /Common rail	√	√	√	√	√	√	-	Read and Write injector data

		N04CTD(DPR)/E(HEV) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04CTB (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04CTF /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04CTD (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04CTB (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04C (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04C (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		J05DTB (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		S05DD (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04CTC (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		N04CTB (DPR) /Common rail	√	√	√	√	√	√	–	Read and Write injector data
		S05CTB (16bit Common rail)	√	√	√	√	√	√	–	Read and Write injector data
		Hino engine	√	√	√	√	√	√	–	Read and Write injector data
		N04CTK engine	–	√	–	√	√	√	–	Read and Write injector data
		N04CT engine	–	√	–	√	√	√	–	Read and Write injector data
		N04CTQ engine	–	√	–	√	√	√	–	Read and Write injector data
		N04CTR engine	–	√	–	√	√	√	–	Read and Write injector data
		N04CTS engine	–	√	–	√	√	√	–	Read and Write injector data
		N04CTU engine	–	√	–	√	√	√	–	Read and Write injector data

	Engine system(CAN communication)	N04CTP engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTW engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTT engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTV engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTM engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTH engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTJ engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTN engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CTL engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUD engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUE engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUJ engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUH engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUK engine	-	√	-	√	√	√	-	Read and Write injector data
		N04CUG engine	-	√	-	√	√	√	-	Read and Write injector data
		Engine DENSO engine	-	√	-	√	√	√	-	Read and Write injector data
		E13C-VH engine	-	√	-	√	√	√	-	-
		E13C-VJ engine	-	√	-	√	√	√	-	-
		E13C-VK engine	-	√	-	√	√	√	-	-
		E13C-VL engine	-	√	-	√	√	√	-	-
		J08E-VC engine	-	√	-	√	√	√	-	-
		J08E-VB engine	-	√	-	√	√	√	-	-
		A09C-TL engine	-	√	-	√	√	√	-	-

		A09C-TM engine	–	√	–	√	√	√	–	–
		A09C-TP engine	–	√	–	√	√	√	–	–
		A09C-TR engine	–	√	–	√	√	√	–	–
		E13C-VM engine	–	√	–	√	√	√	–	–
		E13C-VN engine	–	√	–	√	√	√	–	–
		E13C-VP engine	–	√	–	√	√	√	–	–
		E13C-VR engine	–	√	–	√	√	√	–	–
		E13C-VS engine	–	√	–	√	√	√	–	–
		J07E-TM engine	–	√	–	√	√	√	–	–
		J07E-TL engine	–	√	–	√	√	√	–	–
		J07E-TK engine	–	√	–	√	√	√	–	–
		J08E-VH engine	–	√	–	√	√	√	–	–
		J08E-VF engine	–	√	–	√	√	√	–	–
		J08E-VG engine	–	√	–	√	√	√	–	–
		J07E-TS engine	–	√	–	√	√	√	–	–
		A09C-TU engine	–	√	–	√	√	√	–	–
		A09C-TT engine	–	√	–	√	√	√	–	–
		J07E-TR engine	–	√	–	√	√	√	–	–
		J07E-TP engine	–	√	–	√	√	√	–	–
		J07E-TN engine	–	√	–	√	√	√	–	–
		J08E-VE engine	–	√	–	√	√	√	–	–
		J08E-VD engine	–	√	–	√	√	√	–	–
		J08E-VB engine	–	√	–	√	√	√	–	–
		Engine DENSO engine	–	√	–	√	√	√	–	–
		Engine BOSCH engine	–	√	–	√	√	√	–	–
	SRS		–	√	–	√	√	–	–	–
	VCS		–	√	–	√	√	–	–	–
	Immobilizer		–	√	–	√	√	–	–	–
	Suspension		–	√	√	√	–	–	–	–
	Transmission		–	√	–	√	√	–	–	–
	ABS		–	√	–	√	√	–	–	–
Remarks: √ means the system has this function. – means not.										

FCAR F3 Diagnosis list

Automaker:	Maxus
Software Version:	V5.0

Models	System	Function					
		Version info.	Read DTC	Clear DTC	Data stream	Action test	Others
Maxus	Maxus	-	√	√	√	-	Advance test

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnosis list

Automaker:	Mitsubishi Fuso
Software Version:	V7.5

Models		System	Function					
			Version info.	Read DTC	Clear DTC	Data stream	Action test	Others
FUSO	Power transmission	Engine Systems	√	√	√	√	√	-
		Integrated control	√	√	√	√	√	-
		Transmission	√	√	√	√	-	-
		Integrated security system	√	√	√	√	-	-
		Motor control	√	√	√	√	-	-
		Battery control	√	√	√	√	-	-
		Airbag	√	√	√	√	-	-
		SCR	√	√	√	√	-	-
	Chassis	ABS	√	√	√	√	√	-
		Retarder	√	√	√	-	-	-
	Car body	Anti-theft system	√	√	√	√	√	-
		EZGO	√	√	√	-	-	-

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnosis list

Automaker:	PERKINS
Software Version:	V5.7

Models	System	System	Function						
			Version info.	Read DTC	Clear DTC	Read Data	Action test	Freeze frame	Remark(other functions)
PERKINS	BOSCH Common RailEDC16UC40	Static Diagnostic Data	√	√	√	-	-	√	fuel volume balance matching
		Dynamic Diagnostic Data	√	-	-	√	√	-	Function test
	VTO single-pump system	VTO single-pump system(J1939)	-	√	√	√	-	-	History DTC
		VTO single-pump system(RS232)	-	√	√	√	-	-	-
	NanYue Single-Unit PumpSystem	NanYue Single-Unit PumpSystem(J1939)	-	√	√	√	-	-	History DTC
		NanYue Single-Unit PumpSystem_R01 4-Cylinder	-	√	√	√	-	-	-
		NanYue Single-Unit PumpSystem_R01 6-Cylinder	-	√	√	√	-	-	-
		NanYue Single-Unit PumpSystem_R02	-	√	√	√	-	-	-

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnosis list

Automaker:	QuanChai
Software Version:	V5.8

Model	System	System	Function						
			Version info.	Read DTC	History DTC	Clear DTC	Read Data stream	Action test	Remark(other functions)
QuanChai	BOSCH Common Rail4D22E type		√	√	-	√	√	√	Injector data
	BOSCH EDC16C39 engineSystem	BOSCH EDC16C39 engineSystem	√	√	-	√	√	√	Injector data
		BOSCH EDC16C39 Read injector data	-	-	-	-	-	-	Injector data
	NanYueEPOWER single-pump systemR02	NanYue Single-Unit PumpSystem(J1939)	-	√	√	√	√	-	-
		NanYue Single-Unit PumpSystem_R01 4-Cylinder	-	√	-	√	√	-	-
		NanYue Single-Unit PumpSystem_R01 6-Cylinder	-	√	-	√	√	-	-
		NanYue Single-Unit PumpSystem_R02	-	√	-	√	√	-	-

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnosis list (note: only for reference)

Automaker:	Renault
Version:	V5.7

Model	System	System	System	System	Function						
					Version Info.	Read DTC	Clear DTC	Read data	Action test	Readfreezframe	Remark (other functions)
	G	Braking force support	Voith VERA R115E		√	√	√	√	–	–	–
		SUSPENSIONS	Airtronic		√	√	√	√	–	–	–
			Airtronic 020/027 (4x2) FP		√	√	√	√	–	–	–
			Airtronic 020/027 (4x2) P		√	√	√	√	–	–	–
			Airtronic 4x2		√	√	√	√	–	–	–
	Kerax	A/T(Automatic Transmission) system	Carrossier		√	√	√	√	–	–	–
		ABS(Antilock Braking System)	Wabco D		√	√	√	√	–	–	–
		Braking force support	Voith VERA R115E		√	√	√	√	–	–	–
			ZF Intarder	ZF Intarder1	√	√	√	√	–	–	–
				ZF Intarder2	√	√	√	√	–	–	–
			ZF Intarder v1.50		√	√	√	–	√	–	–
			Telma		√	√	–	–	√	–	–
		Diesel injection systems	220	Bosch DCI Europe 2	√	√	√	√	–	–	–
				Bosch DCI Europe 3	√	√	√	√	–	–	–
			270	Bosch DCI Europe 2	√	√	√	√	–	–	–
				Bosch DCI Europe 3	√	√	√	√	–	–	–
			320	Bosch DCI Europe 2	√	√	√	√	–	–	–
				Bosch DCI Europe 3	√	√	√	√	–	–	–
			370	Bosch DCI Europe 2	√	√	√	√	–	–	–
				Bosch DCI Europe 3	√	√	√	√	–	–	–
			420	Bosch DCI Europe 2	√	√	√	√	–	–	–
				Bosch DCI Europe 3	√	√	√	√	–	–	–
		EBS	Knorr EBS		√	√	√	√	√	–	–
		Engine - auto	Vehicle- engine ECU		√	√	√	√	–	–	–
		Dashboard	Display		√	√	√	√	–	–	–
			Euro 3 dashboard		√	√	√	√	–	–	–

	Air-conditioning systems and compartments	GATEWAY</NAME		√	√	√	–	–	–	Special function
		D1LCC/D3LCC		√	√	√	√	√	–	–
		Dmax		√	–	–	√	–	–	–
		Alarme		√	√	√	–	√	–	–
Kerax DIX Euro 3	BRAKE POWER SUPPORT	Retarder		–	√	√	√	–	–	–
		ZF Intarder	ZF Intarder1	√	√	√	√	–	–	–
			ZF Intarder2	√	√	√	√	–	–	–
	EBS	Knorr EBS brake control		–	√	√	–	–	–	–
		knorr EBS 3		–	√	√	–	–	–	–
	ENGINE -VEHICLE ADJUSTMENT	Vehicle-engine ECU(1)		–	√	√	√	–	–	–
		Vehicle-engine ECU(2)		–	√	√	–	–	–	–
	MULTI-FUNTION DISPLAY	Driver info display(1)		–	√	√	–	–	–	–
		Driver info display(2)		–	√	√	–	–	–	–
		Driver info display(3)		–	√	√	–	–	–	–
	COMPRESSED AIR RESERVE SYSTEM	APM/EAC		–	√	√	–	–	–	–
Kerax DIX Euro 4/5	SEARCH FOR INSTALLED SYSTEMS	Global search		–	√	√	√	–	–	–
	ABS	knorr ABS Wheel anti-lock system		–	√	√	–	–	–	–
	BRAKE POWER SUPPORT	Retarder		–	√	√	√	–	–	–
		ZF Intarder	ZF Intarder1	√	√	√	√	–	–	–
			ZF Intarder2	√	√	√	√	–	–	–
	DIESEL INJECTION	EDC UIS/PDE		–	√	√	√	–	–	–
		ADBLUE		–	√	√	–	–	–	–
	EBS	Knorr EBS brake control		–	√	√	–	–	–	–
		Knorr EBS 3		–	√	√	–	–	–	–
	ENGING-VEHICLE ADJUSTMENT	Vehicle-engine ECU(1)		–	√	√	√	–	–	–
		Vehicle-engine ECU(2)		–	√	√	–	–	–	–
	HEADLIGHT ADJUSTEMENT	External lamp control unit		–	√	√	–	–	–	–
	IMMOBILIZER			–	√	√	–	–	–	–
	INSTRUMENT	Central module		–	√	√	√	–	–	–
	MULTI-FUNTION DISPLAY	Driver info display(1)		–	√	√	–	–	–	–
		Driver info display(2)		–	√	√	–	–	–	–
		Driver info display(3)		–	√	√	–	–	–	–
	SUSPENSIONS	knorr		–	√	√	–	–	–	–
	A/T	I-SHIFT		–	√	√	√	–	–	–

	TRANSPORT INFORMATION SYSTEM			–	√	√	–	–	–	–
	COMPRESSED AIR RESERVE SYSTEM	APM/EAC		–	√	√	–	–	–	–
Magnum	A/T(Automatic Transmission) system	Carrossier		√	√	√	√	–	–	–
		ZF AS-Tronic		√	√	√	√	–	–	–
	ABS(Antilock Braking System)	Bosch I8		√	√	√	√	√	–	–
		Bosch-knorr E24/EU12		√	√	√	√	√	–	–
		Wabco D		√	√	√	√	–	–	–
	BRAKE POWER SUPPORT	Voith VERA R115E		√	√	√	√	–	–	–
		ZF Intarder	ZF Intarder1	√	√	√	√	–	–	–
			ZF Intarder2	√	√	√	√	–	–	–
		ZF Intarder v1.50		√	√	√	–	√	–	–
		Telma		√	√	–	–	√	–	–
	Diesel injection systems	400	E-TECH Euro 2	√	√	√	–	–	–	–
			E-TECH Euro 3	√	√	√	–	–	–	–
		440	E-TECH Euro 2	√	√	√	–	–	–	–
			E-TECH Euro 3	√	√	√	–	–	–	–
		480	E-TECH Euro 2	√	√	√	–	–	–	–
			E-TECH Euro 3	√	√	√	–	–	–	–
	Engine - auto	Vehicle- engine ECU		√	√	√	√	–	–	–
	Dashboard	Display		√	√	√	√	–	–	–
		Euro 3 dashboard		√	√	√	√	–	–	–
	SUSPENSIONS	Airtronic R3XX		√	–	√	√	√	–	–
		Airtronic		√	√	√	√	–	–	–
		Airtronic 020/027 (4x2) FP		√	√	√	√	–	–	–
		Airtronic 020/027 (4x2) P		√	√	√	√	–	–	–
		Airtronic 044/403 (6x2) FP		√	√	√	√	–	–	–
		Airtronic 044/403 (6x2) P		√	√	√	√	–	–	–
		Airtronic 4x2		√	√	√	√	–	–	–
	Air-conditioning systems and compartments	GATEWAY		√	√	√	–	–	–	Special function
		D1LCC/D3LCC		√	√	√	√	√	–	–
		Dmax		√	–	–	√	–	–	–
		Alarme		√	√	√	–	√	–	–
	SEARCH FOR INSTALLED SYSTEMS	Global search		–	√	√	√	–	–	–

	Magnum DXI Euro 3	ABS	knorr ABS Wheel anti-lock system		–	√	√	–	–	–	–
		BRAKE POWER SUPPORT	Retarder		–	√	√	√	–	–	–
			ZF Intarder	ZF Intarder1	√	√	√	√	–	–	–
				ZF Intarder2	√	√	√	√	–	–	–
		DIESEL INJECTION	EDC UIS/PDE		–	√	√	√	–	–	–
		EBS	Knorr EBS brake control		–	√	√	–	–	–	–
			knorr EBS 3		–	√	√	–	–	–	–
		ENGING-VEHICLE ADJUSTMENT	Vehicle-engine ECU(1)		–	√	√	√	–	–	–
			Vehicle-engine ECU(2)		–	√	√	–	–	–	–
		HEADLIGHT ADJUSTEMENT	External lamp control unit		–	√	√	–	–	–	–
		INSTRUMENT	Central module		–	√	√	√	–	–	–
		MULTI-FUNTION DISPLAY	Driver info display(1)		–	√	√	–	–	–	–
			Driver info display(2)		–	√	√	–	–	–	–
			Driver info display(3)		–	√	√	–	–	–	–
		SUSPENSIONS	knorr		–	√	√	–	–	–	–
		COMPRESSED AIR RESERVE SYSTEM	APM/EAC		–	√	√	–	–	–	–
	Magnum DXI Euro 4/5	SEARCH FOR INSTALLED SYSTEMS	Global search		–	√	√	√	–	–	–
		ABS	knorr ABS Wheel anti-lock system		–	√	√	–	–	–	–
		BRAKE POWER SUPPORT	Retarder		–	√	√	√	–	–	–
			ZF Intarder	ZF Intarder1	√	√	√	√	–	–	–
				ZF Intarder2	√	√	√	√	–	–	–
		DIESEL INJECTION	EDC UIS/PDE		–	√	√	√	–	–	–
			ADBLUE		–	√	√	–	–	–	–
		EBS	Knorr EBS brake control		–	√	√	–	–	–	–
			knorr EBS 3		–	√	√	–	–	–	–
		ENGING-VEHICLE ADJUSTMENT	Vehicle-engine ECU(1)		–	√	√	√	–	–	–
			Vehicle-engine ECU(2)		–	√	√	–	–	–	–
		HEADLIGHT ADJUSTEMENT	External lamp control unit		–	√	√	–	–	–	–
		INSTRUMENT	Central module		–	√	√	√	–	–	–
		MULTI-FUNTION DISPLAY	Driver info display(1)		–	√	√	–	–	–	–
			Driver info display(2)		–	√	√	–	–	–	–
			Driver info display(3)		–	√	√	–	–	–	–
		SUSPENSIONS	knorr		–	√	√	–	–	–	–

Renaul

Renault heavy-duty truck		A/T	I-SHIFT		-	√	√	√	-	-	-
		COMPRESSED AIR RESERVE SYSTEM	APM/EAC		-	√	√	-	-	-	-
	Maxity	ABS(Antilock Braking System)			√	-	-	√	-	-	-
		Diesel injection			√	-	-	√	-	-	-
		Body ECU			√	-	-	√	-	-	-
		Comfort system			-	-	-	√	-	-	-
	Maxter	Braking force support	Voith VERA R115E		√	√	√	√	-	-	-
		ABS(Antilock Braking System)	Bosch I8		√	√	√	√	√	-	-
		Braking force support	Voith VERA R115E		√	√	√	√	-	-	-
		SUSPENSIONS	Airtronic		√	√	√	√	-	-	-
			Airtronic 020/027 (4x2) FP		√	√	√	√	-	-	-
			Airtronic 020/027 (4x2) P		√	√	√	√	-	-	-
			Airtronic 4x2		√	√	√	√	-	-	-
	Midiner	Braking force support	Voith VERA R115E		√	√	√	√	-	-	-
	Midlum	A/T(Automatic Transmission) system	Carrossier		√	√	√	√	-	-	-
		ABS(Antilock Braking System)	Wabco D 4S/3M		√	√	√	√	-	-	-
			Wabco D 4S/4M		√	√	√	√	-	-	-
		Braking force support	Voith VERA R115E		√	√	√	√	-	-	-
			ZF Intarder	ZF Intarder1	√	√	√	√	-	-	-
				ZF Intarder2	√	√	√	√	-	-	-
			ZF Intarder v1.50		√	√	√	-	√	-	-
			Telma		√	√	-	-	√	-	-
		Diesel injection systems	150	Bosch DCI Europe 3	√	√	√	√	-	-	-
			180	Bosch DCI Europe 3	√	√	√	√	-	-	-
			220	Bosch DCI Europe 3	√	√	√	√	-	-	-
			270	Bosch DCI Europe 3	√	√	√	√	-	-	-
		Engine - auto	Vehicle- engine ECU		√	√	√	√	-	-	-
		Dashboard	Euro 3 dashboard		√	√	√	√	-	-	-
		Suspension system	Airtronic R3XX		√	-	√	√	√	-	-
		Air-conditioning systems and compartments	GATEWAY		√	√	√	-	-	-	Special function
			D1LCC/D3LCC		√	√	√	√	√	-	-
			Dmax		√	-	-	√	-	-	-

	compartments	Alarme		√	√	√	–	√	–	–
Midlum DXI Euro 4/5	SEARCH FOR INSTALLED SYSTEMS	Global search		–	√	√	√	–	–	–
	ABS	knorr ABS Wheel anti-lock system		–	√	√	–	–	–	–
	DIESEL INJECTION	EDC UIS/PDE		–	√	√	√	–	–	–
		ADBLUE		–	√	√	–	–	–	–
	EBS	Knorr EBS brake control		–	√	√	–	–	–	–
		knorr EBS 3		–	√	√	–	–	–	–
	ENGING-VEHICLE ADJUSTMENT	Vehicle-engine ECU(1)		–	√	√	√	–	–	–
		Vehicle-engine ECU(2)		–	√	√	–	–	–	–
	HEADLIGHT ADJUSTEMENT	External lamp control unit		–	√	√	–	–	–	–
	INSTRUMENT	Central module		–	√	√	√	–	–	–
	SUSPENSIONS	knorr		–	√	√	–	–	–	–
	A/T	I-SHIFT		–	√	√	√	–	–	–
	COMPRESSED AIR RESERVE SYSTEM	APM/EAC		–	√	√	–	–	–	–
Premium	A/T(Automatic Transmission) system	ZF AS-Tronic II		√	–	–	√	–	–	–
		Carrossier		√	√	√	√	–	–	–
		ZF AS-Tronic		√	√	√	√	–	–	–
	ABS(Antilock Braking System)	Bosch I8		√	√	√	√	√	–	–
		Bosch-knorr E24/EU12		√	√	√	√	√	–	–
		Wabco D		√	√	√	√	–	–	–
	BRAKE POWER SUPPORT	Braking force support	Voith VERA R115E	√	√	√	√	–	–	–
			ZF Intarder1	√	√	√	√	–	–	–
			ZF Intarder2	√	√	√	√	–	–	–
			ZF Intarder v1.50	√	√	√	–	√	–	–
			Telma	√	√	–	–	√	–	–
	Diesel injection systems	220	Bosch DCI Europe 2	√	√	√	√	–	–	–
			Bosch DCI Europe 3	√	√	√	√	–	–	–
		270	Bosch DCI Europe 2	√	√	√	√	–	–	–
			Bosch DCI Europe 3	√	√	√	√	–	–	–
		320	Bosch DCI Europe 2	√	√	√	√	–	–	–
			Bosch DCI Europe 3	√	√	√	√	–	–	–
		370	Bosch DCI Europe 2	√	√	√	√	–	–	–
			Bosch DCI Europe 3	√	√	√	√	–	–	–
		420	Bosch DCI Europe 2	√	√	√	√	–	–	–

		420	Bosch DCI Europe 3	√	√	√	√	–	–	–
	EBS	Knorr EBS		√	√	√	√	√	–	–
	Engine - auto	Engine - auto adjustment		√	√	√	√	–	–	–
	Dashboard	Display		√	√	√	√	–	–	–
		Euro 3 dashboard		√	√	√	√	–	–	–
	SUSPENSIONS	Airtronic R3XX		√	–	√	√	√	–	–
		Airtronic		√	√	√	√	–	–	–
		Airtronic 020/027 (4x2) FP		√	√	√	√	–	–	–
		Airtronic 020/027 (4x2) P		√	√	√	√	–	–	–
		Airtronic 044/403 (6x2) FP		√	√	√	√	–	–	–
		Airtronic 044/403 (6x2) P		√	√	√	√	–	–	–
		Airtronic 4x2		√	√	√	√	–	–	–
	Air-conditioning systems and compartments	GATEWAY		√	√	√	–	–	–	Special function
		D1LCC/D3LCC		√	√	√	√	√	–	–
		Dmax		√	–	–	√	–	–	–
		Alarme		√	√	√	–	√	–	–
Premium DXI Euro 3	SEARCH FOR INSTALLED SYSTEMS	Global search		–	√	√	√	–	–	–
	ABS	knorr ABS Wheel anti-lock system		–	√	√	–	–	–	–
	BRAKE POWER SUPPORT	Retarder		–	√	√	√	–	–	–
		ZF Intarder	ZF Intarder1	√	√	√	√	–	–	–
			ZF Intarder2	√	√	√	√	–	–	–
	DIESEL INJECTION	EDC UIS/PDE		–	√	√	√	–	–	–
	EBS	Knorr EBS brake control		–	√	√	–	–	–	–
		knorr EBS 3		–	√	√	–	–	–	–
	ENGING-VEHICLE ADJUSTMENT	Vehicle-engine ECU(1)		–	√	√	√	–	–	–
		Vehicle-engine ECU(2)		–	√	√	–	–	–	–
	HEADLIGHT ADJUSTEMENT	External lamp control unit		–	√	√	–	–	–	–
	INSTRUMENT	Central module		–	√	√	√	–	–	–
	MULTI-FUNTION DISPLAY	Driver info display(1)		–	√	√	–	–	–	–
		Driver info display(2)		–	√	√	–	–	–	–
		Driver info display(3)		–	√	√	–	–	–	–
	SUSPENSIONS	knorr		–	√	√	–	–	–	–
	TRANSPORT INFORMATION SYSTEM	Transport information system		–	√	√	–	–	–	–

		COMPRESSED AIR RESERVE SYSTEM	APM/EAC		-	√	√	-	-	-	-
	Premium DXI Euro 4/5	SEARCH FOR INSTALLED SYSTEMS	Global search		-	√	√	√	-	-	-
		ABS	knorr ABS Wheel anti-lock system		-	√	√	-	-	-	-
		BRAKE POWER SUPPORT	Retarder		-	√	√	√	-	-	-
			ZF Intarder	ZF Intarder1	√	√	√	√	-	-	-
				ZF Intarder2	√	√	√	√	-	-	-
		DIESEL INJECTION	EDC UIS/PDE		-	√	√	√	-	-	-
			ADBLUE		-	√	√	-	-	-	-
		EBS	Knorr EBS brake control		-	√	√	-	-	-	-
			knorr EBS 3		-	√	√	-	-	-	-
		ENGING-VEHICLE ADJUSTMENT	Vehicle-engine ECU(1)		-	√	√	√	-	-	-
			Vehicle-engine ECU(2)		-	√	√	-	-	-	-
		HEADLIGHT ADJUSTEMENT	External lamp control unit		-	√	√	-	-	-	-
		INSTRUMENT	Central module		-	√	√	√	-	-	-
		MULTI-FUNTION DISPLAY	Driver info display(1)		-	√	√	-	-	-	-
			Driver info display(2)		-	√	√	-	-	-	-
			Driver info display(3)		-	√	√	-	-	-	-
		SUSPENSIONS	knorr		-	√	√	-	-	-	-
		A/T	I-SHIFT		-	√	√	√	-	-	-
		TRANSPORT INFORMATION SYSTEM	Transport information system		-	√	√	-	-	-	-
		COMPRESSED AIR RESERVE SYSTEM	APM/EAC		-	√	√	-	-	-	-
	R	Braking force support	Voith VERA R115E		√	√	√	√	-	-	-
		SUSPENSIONS	Airtronic R3XX		√	-	√	√	√	-	-
			Airtronic		√	√	√	√	-	-	-
			Airtronic 020/027 (4x2) FP		√	√	√	√	-	-	-
			Airtronic 020/027 (4x2) P		√	√	√	√	-	-	-
			Airtronic 044/403 (6x2) FP		√	√	√	√	-	-	-
			Airtronic 044/403 (6x2) P		√	√	√	√	-	-	-
			Airtronic 4x2		√	√	√	√	-	-	-
Remarks: √ means the system has this function - means not supported at this moment.											

FCAR F3 Diagnosis list

Automaker:	ShenLong
Software Version:	V5.3

Model	System	System	Function						
			Version info.	Read DTC	Clear DTC	Read Data	Action test	Read freeze frame	Remark(other functions)
ShenLong	XiChai DENSO Common Rail		√	√	√	√	√	√	QR code,Write VIN,write EIN
	XiChai 4DF3 Engine		√	√	√	√	-	√	Function test,actuator control,revise ECU system data
	BOSCH Common Rail_EDC16UC40	Static diagnosis	√	√	√	-	-	√	fuel volume balance matching
		Dyamic diagnosis	√	-	-	√	√	-	Function test
	BOSCH Common Rail_EDC7UC31	Static diagnosis	√	√	√	-	-	√	Fault solution instruction
		Dyamic diagnosis	√	-	-	√	√	-	Function test
	NanYue Single-Unit Pump engine	NanYue Single-Unit PumpSystem(J1939)	-	√	√	√	-	-	History DTC
		NanYue Single-Unit PumpSystem_R01 4-Cylinder	-	√	√	√	-	-	-
		NanYue Single-Unit PumpSystem_R01 6-Cylinder	-	√	√	√	-	-	-
		NanYue Single-Unit PumpSystem_R02	-	√	√	√	-	-	-

Remarks: √ means the system has this function - means not supported at this moment.

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
	Powertrain	Engine and electronic controlled transmission	-	√	√	√	√	√	Work suppport
		Engine	-	√	√	√	√	√	-
		Electronic controlled transmission	-	√	√	√	√	√	-
		Cruise control	-	√	√	√	√	-	-
		Engine (Left side cylinder bank)	-	√	√	√	√	√	-
		Engine (Right side cylinder bank)	-	√	√	√	√	-	-
		HV storage battery	-	√	√	√	√	√	-
		Mix control	-	√	√	√	√	√	-
		Continuous M/T	-	√	√	√	√	√	-
		Stop and advance	-	√	√	√	√	√	-
		multi-mode M/T	-	√	√	√	√	√	-
		Radar Cruise	-	√	√	√	-	-	-

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
		Laser cruise	-	√	√	√	-	-	-
		Motor generator	-	√	√	√	-	-	-
	Chassis	ABS/VSC/TRC	-	√	√	√	√	√	Work suppport
		Suspension height control system	-	√	√	√	√	-	-
		Air Suspension	-	√	√	√	√	-	-
		Electric light automatic transmission	-	√	√	√	√	-	-
		Electronic hydraulic power steering system	-	√	√	√	-	√	Power steering matching
		Transmission Control	-	√	√	√	√	√	-
		Electric control suspension system	-	√	√	√	√	-	-
		4 wheel drive	-	√	√	√	√	-	-
		Tire pressure monitor	-	√	√	√	-	-	-
		Variable Gear Ratio Steering	-	√	√	√	-	√	-

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
		stabilizer	-	√	√	√	-	-	-
		Intelligent Parking Assist	-	√	√	-	-	-	-
		Electronic parking brake	-	√	√	√	√	√	-
		Lane Assist	-	√	√	√	-	-	-
		Front stabilizer	-	√	√	√	√	-	-
		Rear stabilizer	-	√	√	√	√	-	-
		Adaptive headlight	-	√	√	√	√	-	-
		Air conditioning	-	√	√	√	√	-	-
		Back door	-	√	√	√	√	-	-
		Body	-	√	√	√	√	-	-
		Body 2	-	√	-	√	√	-	-
		Body 3	-	√	-	√	√	-	-

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
OBDII connector		Body 4	-	√	-	√	√	-	-
		Body 5	-	-	-	√	√	-	-
		Remove sonar	-	√	√	√	√	-	-
		Dashboard switch	-	-	-	√	-	-	-
		Driver door motor	-	√	√	√	√	-	-
		Driver seat switch	-	-	-	√	√	-	-
		Gateway	-	√	√	-	-	-	-
		METER	-	-	-	√	√	-	-
		Rearview mirror	-	-	-	√	√	-	-
		Left Rearview mirror	-	-	-	√	√	-	-
		Right Rearview mirror	-	-	-	√	√	-	-
		Seating detection	-	√	√	√	-	-	-

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
	Body	Passenger door motor	-	√	√	√	√	-	-
		Passenger seat	-	-	-	√	√	-	-
		Power-supply control	-	√	√	-	-	-	-
		Rain sensor	-	-	-	√	-	-	-
		Rear seat switch	-	-	-	√	-	-	-
		Left rear door motor	-	√	√	√	√	-	-
		Left rear seat	-	-	-	√	√	-	-
		Right rear door seat	-	√	√	√	√	-	-
		Right rear seat	-	-	-	√	√	-	-
		Sliding top skylight	-	-	-	√	√	-	-
		Airbag	-	√	√	√	-	-	-
		Sliding roof	-	√	√	√	-	-	-

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
		Steering pad switch	-	-	-	√	-	-	-
		Tilt and telescopic steering wheel	-	√	√	√	√	√	-
		Wiper	-	-	-	√	√	-	-
		Main Body	-	√	√	√	√	-	-
		Toyota safety protection system	-	√	√	√	√	-	-
		Entry&start	-	√	√	√	√	-	-
		HVGateway	-	√	√	√	-	-	-
		Night vision	-	√	√	√	√	-	-
		Headlamp automatic levelling	-	√	√	√	√	-	-
		BEAN Gateway	-	√	√	-	-	-	-
		Attachment Gateway	-	√	√	√	-	-	-
		Left fron seat air conditioning	-	√	-	√	√	-	-

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
		Right front seat air conditioning	-	√	-	√	√	-	-
		CAN Gateway	-	√	√	-	-	-	-
		ECM Gateway	-	√	√	√	-	-	-
		ECB(Electronic control brake system)	-	√	√	√	-	-	-
		WIL(Reduce excessive loss of cervical vertebra flexion harm	-	√	√	√	-	-	-
		Central console switch	-	-	√	√	-	-	-
		Rear console switch	-	√	√	√	√	-	-
		Left rear seat air conditioning	-	√	-	√	√	-	-
		Right rear seat air conditioning	-	√	-	√	√	-	-
		Power-supply control	-	√	√	√	√	√	-
		Right side activity head protection system	-	√	√	√	√	-	-
		Left side activity head protection system	-	√	√	√	√	-	-

FCAR Diagnostic List(Note：for reference only)

Automaker：	Toyota
Version：	v5.1

Connector	Mode	System	Function						
			System info.	Read DTC	Clear DTC	Data stream	Actuation test	Freeze frame	Remark(other functions)
		Instrument panel	-	√	√	√	√	-	-
		Anti-theft system	-	√	√	√	√	-	1. Key registration 2. Key Removal 3. Automatic registration OFF
		Pre-crash	-	√	√	√	√	-	-
		Steering lock	-	√	√	√	√	-	-

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

FCAR F3 Diagnostic List (note: for reference only)

Automaker:	VOLVO
Version:	V6.3

Model	System	System	System	System	Function				
					Version info.	Read DTC	Clear DTC	Read data stream	Remarks(Other Functions)
			COMP04	128 engine control unit (EECU)	√	√	√	-	-
				130 Transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meters, central module	√	√	√	√	-
				144 Vehicle control unit	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body manufacturer Module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FE	128 engine control unit (EECU)	√	√	√	√	-
				130 Transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meters,central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-

				249 body manufacturer Module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FH	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FH12	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
				128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-

			FH16	146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FH565	128 engine control unit (EECU)	√	√	√	-	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	-	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FL	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	-	√	√	-	-
				234 Suspension, Power Unit	√	√	√	√	-
				249 body building module (BBM)	-	√	√	-	-

				250 Suspension, Power Unit	√	√	√	√	-
			FM	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				163 engine suppressors	√	√	√	-	-
				164 Multiplex	-	√	√	-	-
				179 FMS Gateway	√	√	√	-	-
		VERSION2 Electric System		216 external lightning protection control unit (LCM)	√	√	√	-	-
				220 Tachometer	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				232 airbag,control unit(SRS)	√	√	√	-	-
				233 AdBlue dosage system control unit (ADS)	√	√	√	-	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FM9	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body manufacturer Module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
				128 engine control unit (EECU)	√	√	√	√	-

			FM12	130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				163 engine suppressors	√	√	√	-	-
				164 Multiplex	-	√	√	-	-
				179 FMS Gateway	√	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				220 Tachometer	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				232 airbag,control unit(SRS)	√	√	√	-	-
				233 AdBlue dosage system control unit (ADS)	√	√	√	-	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			NH12	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
				128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-

			VHD	140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			VM	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			VN	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-

VOLVO vehicle diagnostics	VOLVO heavy vehicle diagnostics			234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			VT	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			AC	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
				128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-

			FH12	146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FH16	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FH565	128 engine control unit (EECU)	√	√	√	-	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	-	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-

				250 Suspension, Power Unit	-	√	√	-	-
			FL6	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FM7	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			FM10	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-

				164 Multiplex	–	√	√	–	–
				216 external lightning protection control unit (LCM)	√	√	√	–	–
				222 Reducer ECU	√	√	√	√	–
				234 Suspension, Power Unit	–	√	√	–	–
				249 body building module (BBM)	√	√	√	√	–
				250 Suspension, Power Unit	–	√	√	–	–
			FM12	128 engine control unit (EECU)	√	√	√	√	–
				130 transmission control unit	√	√	√	√	–
				136 anti-lock braking system (ABS)	√	√	√	√	–
				140 meter , central module	√	√	√	√	–
				144 vehicle control unit (VECU)	√	√	√	√	–
				146 air-conditioning unit	√	√	√	–	–
		Vehicle electron		150 Suspension, Power Unit	–	√	√	–	–
				164 Multiplex	–	√	√	–	–
				216 external lightning protection control unit (LCM)	√	√	√	–	–
				222 Reducer ECU	√	√	√	√	–
				234 Suspension, Power Unit	–	√	√	–	–
				249 body building module (BBM)	√	√	√	√	–
				250 Suspension, Power Unit	–	√	√	–	–
			NH12	128 engine control unit (EECU)	√	√	√	√	–
				130 transmission control unit	√	√	√	√	–
				136 anti-lock braking system (ABS)	√	√	√	√	–
				140 meter , central module	√	√	√	√	–
				144 vehicle control unit (VECU)	√	√	√	√	–
				146 air-conditioning unit	√	√	√	–	–
				150 Suspension, Power Unit	–	√	√	–	–
				164 Multiplex	–	√	√	–	–
				216 external lightning protection control unit (LCM)	√	√	√	–	–
				222 Reducer ECU	√	√	√	√	–
				234 Suspension, Power Unit	–	√	√	–	–
				249 body building module (BBM)	√	√	√	√	–
				250 Suspension, Power Unit	–	√	√	–	–
				128 engine control unit (EECU)	√	√	√	–	–

			NH525	130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	-	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			NH565	128 engine control unit (EECU)	√	√	√	-	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meters, central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	-	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			VHD	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-

				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			VN	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
			WG	128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
				128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	-	-

			WX	136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
	VOLVO bus diagnostics	VOLVO Bus diagnostics		128 engine control unit (EECU)	√	√	√	√	-
				130 transmission control unit	√	√	√	√	-
				136 anti-lock braking system (ABS)	√	√	√	√	-
				140 meter , central module	√	√	√	√	-
				144 vehicle control unit (VECU)	√	√	√	√	-
				146 air-conditioning unit	√	√	√	-	-
				150 Suspension, Power Unit	-	√	√	-	-
				164 Multiplex	-	√	√	-	-
				216 external lightning protection control unit (LCM)	√	√	√	-	-
				222 Reducer ECU	√	√	√	√	-
				234 Suspension, Power Unit	-	√	√	-	-
				249 body building module (BBM)	√	√	√	√	-
				250 Suspension, Power Unit	-	√	√	-	-
Remarks: √ means the System has the function - means not									

FCAR F3 Diagnosis list

Automaker:	WEI CHAI
Software Version:	V6.4

Model	System	System	Function							
			Version info.	Read DTC	History DTC	Clear DTC	Read Data stream	Action test	Read freeze frame	Remark(other functions)
WEI CHAI	Wei Chai Power Engine System	Static diagnosis	√	√	–	√	√	–	–	Fault solution instruction
		Dyamic diagnosis	–	–	–	–	–	√	–	Function test
	BOSCH dieselEDC7	Static diagnosis	√	√	-	√	-	√	√	Fault solution instruction
		Dyamic diagnosis	√		-	-	√	√	-	Function test
	BOSCH dieselEDC7(J1939)		-	√	√	√	√	-	-	-
	BOSCH dieselEDC7(CAN)		-	√	-	√	√	√	-	-
	H3Body system		-	√	-	-		-	-	-
	Idle Speed Adjustment		-	-	-	-	-	-	-	Open PTO function,not open PTO function
	BOSCH Diesel EDC17 engine systems	K-line diagnosis	√	√	–	√	√	–	√	–
		CANBUS diagnosis	√	√	–	√	√	–	√	–

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnosis list

Automaker:	XI CHAI
Software Version:	V7.0

Models	System	System	Function						
			Version info.	Read DTC	Clear DTC	Readout Data stream	Action test	Read freeze frame	Remark(other functions)
XI CHAI	Wu XI CHAI fuel engine		√	√	√	√	√	√	Anti-theft key matching, write ECU data
	xichai BOSCH 6DL2 Engine		√	√	√	√	√	√	Function test,revise ECU system data
	DENSO Common Rail		√	√	√	√	√	√	QR code,Write VIN,write EIN
	xichai EUR IV		-	√	√	√	√	-	QR code,
	XiChai 4DF4 Engine		√	√	√	√	-	√	-
	XiChai 4DF3 Engine		√	√	√	√	-	√	Function test,actuator control,revise ECU system data
	BOSCH Common Rail_EDC16UC40	Static diagnosis	√	√	√	-	-	√	fuel volume balance matching
		Dyamic diagnosis	√	-	-	√	√	-	Function test
	BOSCH Common Rail_EDC7UC31	Static diagnosis	√	√	√	-	-	√	Fault solution instruction
		Dyamic diagnosis	√			√	√		Function test
	NanYue Unit Pump engine	NanYue Unit Pump System(J1939)	-	√	√	√	-	-	History DTC
		NanYue Unit Pump System_R01 4-Cylinder	-	√	√	√	-	-	-
		NanYue Unit Pump System_R01 6-Cylinder	-	√	√	√	-	-	-
		NanYue Unit Pump System_R02	-	√	√	√	-	-	-
	Hengyang Unit Pump	4-cylinder engine	√	√	√	√	–	–	–
		6-cylinder engine	√	√	√	√	–	–	–
	BOSCH System self-identification		√	√	√	√	-	-	some self-identification system with Action test function
	XiChai 6DF3 Engine	Static diagnosis	√	√	√	-	-	√	fuel volume balance matching
		Dyamic diagnosis	√	-	-	√	√	-	Function test

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnosis list

Automaker:	XIN CHEN Power
Software Version:	V5.1

Models	System	Function							
		Version info.	Read DTC	Clear DTC	Readout Data stream	Action test	Readout freeze frame	Engine test	Remark(other functions)
XIN CHEN Power	BOSCH V5(	√	√	√	√	√	√	√	injector matching

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnosis list

Automaker:	YANG CHAI
Software Version:	V5.8

Models	System	System	Function						
			Version info.	Read DTC	Clear DTC	Read Data	Action test	Read freeze	Remark(other functions)
YANG CHA	BOSCH Common RailEDC16UC40	Static diagnosis	√	√	√	-	-	√	fuel volume balance matching
		Dyamic diagnosis	√	-	-	√	√	-	Function test
	VTO single-pump system	VTO single-pump system(RS232)(YU CHAI Exclusive use)	-	√	√	√	-	-	-
		VTO single-pump system(J1939)	-	√	√	√	-	-	History DTC
		VTO single-pump system(RS232	-	√	√	√	-	-	-

Remarks: √ means the system has this function - means not supported at this moment.

FCAR F3 Diagnostic List (Note: for reference only)

Automaker:	Yongtong Bus
Version:	V5.9

Model	System	System	System	Function						
				Version Info	Read DTC	Clear DTC	Read Data Stream	Action Test	Read Freeze Frame	Remark (Other Functions)
Yongtong Bus	Yuchai Engion (BOSCH Diesel) _24V	YC6J	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		YC6L	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		YC6G	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		YC6A	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		YC6M	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		YC4E	Static Diagnosis	√	√	√	–	–	√	Fuel Volumn Balance Match
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		YC4G	Static Diagnosis	√	√	√	–	–	√	Fuel Volumn Balance Match
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		YC4F	Static Diagnosis	√	√	√	–	–	√	Fuel Volumn Balance Match
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
	Weichai Engion (BOSCH Diesel) _24V	WP10	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		WP4	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		WP5	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		WP6	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		WP7	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		WP12	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
	Xichai Engion (BOSCH Diesel) _24V	CA6DF3	Static Diagnosis	√	√	√	–	–	√	Toubleshooting Guide
			Dynamic Diagnosis	√	–	–	√	√	–	Function Test
		CA4DF3	Static Diagnosis	√	√	√	–	–	√	Fuel Volumn Balance Match

			Dynamic Diagnosis	√	-	-	√	√	-	Function Test
	Cummins Engion _24V	Cummins ISBe4 Engion _24V		-	√	√	√	-	-	History DTC
		Cummins ISLe+ Engion _24V		-	√	√	√	-	-	History DTC
		Cummins ISLe4 Engion _24V		-	√	√	√	-	-	History DTC
		Cummins ISMe Engion _24V		-	√	√	√	-	-	History DTC
		Cummins ISB4 Engion _24V		-	√	√	√	-	-	History DTC
		Cummins ISB6 Engion _24V		-	√	√	√	-	-	History DTC
		Cummins ISDe Engion _24V		-	√	√	√	-	-	History DTC
	Shanghai Hino Engion _24V	P11C Engion	P11C DENSO System	√	√	√	√	√	-	Injector Data,History DTC
		J08C/E Engion	P11C DENSO System	√	√	√	√	√	-	Injector Data,History DTC
Remark: √ means the system has the function -means not.										

FCAR F3 Diagnosis list (Note: For reference only)

Automaker:	YU CHAI
Software Version:	V9.0

System	System	System	Function						
			Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Read freeze frame	Remarks(other functions)
Yuchai Engine System	BOSCH Common Rail EDC16UC40	Static diagnosis	√	√	√	–	√	√	fuel volume balance matching
		Dyamic diagnosis	√	–	–	√	√	–	Function test
	BOSCH Common Rail EDC7	Static diagnosis	√	√	√	–	√	√	Fault solution instruction
		Dyamic diagnosis	√	–	–	√	√	–	Function test
	DELPHI Common Rail System	DELPHI Common Rail System_12V	√	√	√	√	√	–	Injector test,write VIN, leakage test
		DELPHI Common Rail System Euro III	√	√	√	√	√	–	Injector test,write VIN, leakage test
	DELPHI Unit Pump system	DELPHI Unit Pump System	√	√	√	√	–	–	–
		DELPHI Unit Pump	–	√	√	√	–	–	–
	BOSCH_EOL edition		√	√	√	√	–	–	Cylinder Cutoff Test
	WITT unit pump engine	WITT Unit Pump system (RS232) (YU CHAI Exclusive use)	–	√	√	√	–	–	–
		WITT Unit Pump System(J1939)	–	√	√	√	–	–	–
		WITT Unit Pump System(RS232)	–	√	√	√	–	–	–
	NanYue Unit Pump engine	NanYue Unit Pump System(J1939)	–	√	√	√	–	–	–
		Yuchai NanYue Unit Pump Engion (After 2011)	–	√	√	√	–	–	–
		NanYue Unit Pump System_R01 4-Cylinder	–	√	√	√	–	–	–
		NanYue Unit Pump System_R01 6-Cylinder	–	√	√	√	–	–	–
		NanYue Unit Pump System_R02	–	√	√	√	–	–	–
	YU CHAI SCR System		–	√	√	√	√	–	–
	Manual Operation	BOSCH Common Rail System Idle Trimming Function Instruction	–	–	–	–	–	–	–
		WITT flash code query	–	–	–	–	–	–	–
	BOSCH Self-Identification		√	√	√	√	√	–	–
	Yuchai Euro 4 Engion (CAN)		–	–	–	√	–	–	Read Current DTC, Read History DTC, Clear Current DTC, Clear History DTC.

	Yuchai BOSCH engine calibration function	Yuchai BOSCH engine calibration function	–	–	–	–	–	–	Idle adjustment, max vehicle speed limit function
	NoX2 Aftertreatment system		√	√	√	√	√	–	
	EDC7UC31_V70(VCP)_CAN		√	√	√	√	–	–	Function test
	EDC7UC31_V70(VCP)_Kline		√	√	√	√	–	–	Function test
Remark： √ means that the system has the function -means not.									