



FCAR Diagnostic List Yuchai_v9.30

Remark:

1. √ : means that the system has this function

2. - : means that the system does not have this function

3. compared with the last version, the new added function is marked in red color.

System	System	System	Function						Remark (other functions)
			Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Read Freeze Frame	
Yuchai engine system	BOSCH common rail EDC16UC40	Static diagnosis	√	√	√	-	√	√	Oil balance match
		Dynamic diagnosis	√	-	-	√	√	-	Functional Test
	BOSCH common rail EDC7	Static diagnosis	√	√	√	-	√	√	Troubleshooting Guide
		Dynamic diagnosis	√	-	-	√	√	-	Functional Test
	DELPHI common rail system	DELPHI common rail system_12V	√	√	√	√	√	-	Injector test, write VIN, leak test
		DELPHI common rail system Euro III	√	√	√	√	√	-	Injector test, write VIN, leak test
	DELPHI unit pump system	DELPHI unit pump system	√	√	√	√	-	-	-
		Delphi unit pump	-	√	√	√	-	-	-
	BOSCH_EOL version		√	√	√	√	-	-	Off-cylinder function
	Witt unit pump engine	Witt unit pump system (RS232) (Yuchai Special)	-	√	√	√	-	-	-
		Witt unit pump system (J1939)	-	√	√	√	-	-	-
		Witt unit pump system (RS232)	-	√	√	√	-	-	-
	Nanyue unit pump engine	Nanyue unit pump system (J1939)	-	√	√	√	-	-	-
		Yuchai Nanyue unit pump engine (after 2011)	-	√	√	√	-	-	-
		Nanyue four-cylinder unit pump system R01	-	√	√	√	-	-	-
		Nanyue six-cylinder unit pump system R01	-	√	√	√	-	-	-
		Nanyue unit pump system R02	-	√	√	√	-	-	-
	Yuchai SCR system		-	√	√	√	√	-	-
	Manual operation	BOSCH common rail system Idling fine-tuning instructions	-	-	-	-	-	-	-
		Witt flash code query	-	-	-	-	-	-	-
BOSCH Self-identification		√	√	√	√	√	-	-	
Yuchai Euro IV engine (CAN)		-	-	-	√	-	-	Read current fault code, read history fault code, erase current fault code, erase history fault code	
Yuchai engine calibration function BOSCH	Yuchai BOSCH engine calibration function	-	-	-	-	-	-	Idle speed adjustment, maximum speed limit function, speed signal source, preheat control, exhaust brake, fuel moisture alarm, starter control, cruise control, air conditioning, relay control, air conditioning, relay control, remote throttle pedal (PTO), vehicle information	
NOX2 post treatment system		√	√	√	√	√	-	-	
EDC7UC31_V70(CVP)_CAN		√	√	√	√	-	-	Functional Test	
EDC7UC31_V70(CVP)_K1ine		√	√	√	√	-	-	Functional Test	
Yuchai Bosch common rail	EDC7UC31 series	-	√	√	√	√	-	-	
	EDC16UC40 series	-	√	√	√	√	-	-	
	EDC17 series	-	√	√	√	√	-	-	