

Disgnostic List Xichai_v10.82

Remark:

1. ✓: means that the system has this function
2. -: means that the system doesn't have this function
3. Compared with the last version, the new added function is marked in red color

System type	System	System	System	System	Function					
					Read version information	Read DTC	Erase DTC	Read Data Stream	Actuation Test	Remark (Other Functions)
Engine system	Bosch diesel common rail	Bosch EDC7UC31 series	EDC7UC31 general type	-	✓	✓	✓	✓	✓	-
Engine system	Bosch diesel common rail	Bosch EDC16UC40 series	EDC16UC40 general type	-	✓	✓	✓	✓	✓	-
Engine system	Bosch diesel common rail	Bosch EDC17CV44 Series	Bosch EDC17CV44_V720	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	Bosch EDC17CV44 Series	Bosch EDC17CV44_V750	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	Bosch EDC17CV44 Series	Bosch EDC17CV44_V762	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	Bosch EDC17CV44 Series	Bosch EDC17CV44_K line	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	Bosch EDC17CV54 Series	Bosch EDC17CV54_V740	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	Bosch EDC17CV54 Series	Bosch EDC17CV54_V760	-	✓	✓	✓	✓	✓	-
Engine system	Bosch diesel common rail	Bosch EDC17CV54 Series	Xichai P1074V761	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	National 3 common rail diesel engine	Bosch common rail (4DC55D)	-	✓	✓	✓	✓	✓	Starting torque, adjustment power supply required by AC, alternator torque requirement, servo pump torque requirement, torque limit adjustment, air quality adjustment, low idle speed adjustment, data area identification used to switch VDS, maximum speed Value adjustment, VIN, service station code and programming date, ZFC correction, read and write injector data
Engine system	Bosch diesel common rail	National 3 common rail diesel engine	Bosch common rail (4DC-26E)	Bosch EDC17CV54 740	✓	✓	✓	✓	-	Vehicle identification number
Engine system	Bosch diesel common rail	National 3 common rail diesel engine	Bosch common rail (4DC-26E)	Bosch EDC17CV54 760	✓	✓	✓	✓	✓	Read-write injector Cylinder 4 data, read-write injector Cylinder 6 data, read-write VIN code, read-write EIN code, wirte vehicle bus model, snap pilot-injection test, Modified PRV valve open times, Modified PRV valve open time, wirte software calibration identifying number
Engine system	Bosch diesel common rail	National 3 common rail diesel engine	Bosch common rail (6DL, 6DL1/2, 6DM, 6DN, 6DF3, WP7, WP10, WP12)	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle model number, ECU reset, each cylinder injection quantity corrected output(FBC), each cylinder RPM corrected output, PRV valve (pressure limiting valve) open times, PRV valve (pressure limiting valve) open time
Engine system	Bosch diesel common rail	National 3 common rail diesel engine	Bosch common rail 4DF3	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle model number, ECU reset, each cylinder injection quantity corrected output(FBC), each cylinder RPM corrected output, PRV valve (pressure limiting valve) open times, PRV valve (pressure limiting valve) open time
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	FAW common rail (6DL, 6DM, 4/6DK, 4/6DH)	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle bus model, compensation rate rewrite, PRV valve (pressure limiting valve) open times, PRV valve (pressure limiting valve) open time, engine running time, engine operate mileage, gas drive aftertreatment detecting, Tenneco aftertreatment, denso fuel system oil pump self-learning, ammonia canned vehicle acknowledgement code, entruck ammonia pot 1 serial number, entruck ammonia pot 2 serial number, diesel engine TDC ex-works winding correction angle, loan elimination flag bits

Disgnostic List Xichai_v10.82

Remark:

1. ✓: means that the system has this function
2. -: means that the system doesn't have this function
3. Compared with the last version, the new added function is marked in red color

System type	System	System	System	System	Function					
					Read version information	Read DTC	Erase DTC	Read Data Stream	Actuation Test	Remark (Other Functions)
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	FAW common rail (6DL, 6DM, 4/6DK, 4/6DH)-OBD	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (6DL, 6DL1/2, 6DM, 6DN, 4/6DK, 4/6DF4, 6DLL, 6DFL, 4DX, WP7, WP10, WP12) 720		✓	✓	✓	✓	✓	Erase PRV valve open times, erase PRV valve timeout time
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (6DL, 6DL1/2, 6DM, 6DN, 4/6DK, 4/6DF4, 6DLL, 6DFL, 4DX, WP7, WP10, WP12) 750		✓	✓	✓	✓	✓	Engine speed control, modify EIN, modify VIN, modify vehicle model, modify PRV valve open times, modify PRV valve open time, modify software calibration identifying number, SCR aftertreatment test
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (6DL, 6DL1/2, 6DM, 6DN, 4/6DK, 4/6DF4, 6DLL, 6DFL, 4DX, WP7, WP10, WP12) 762		✓	✓	✓	✓	✓	Engine speed control, modify EIN, modify VIN, modify vehicle model, modify PRV valve open times, modify PRV valve open time, modify software calibration identifying number, SCR aftertreatment test
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (4DC2)	740	✓	✓	✓	✓	-	Vehicle identification number
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (4DC2)	760	✓	✓	✓	✓	✓	Read-write injector Cylinder 4 data, read-write injector Cylinder 6 data, read-write VIN code, read-write EIN code, wirte vehicle bus model, snap pilot-injection test, Modified PRV valve open times, Modified PRV valve open time, wirte software calibration identifying number
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (4DXR/4DW)	EDC17CV54(A00, B00 EGR)	✓	✓	✓	✓	✓	Read-write injector Cylinder 4 data, read-write injector Cylinder 6 data, read-write VIN code, read-write EIN code, calibration sign
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (6DL, 6DM, 6DN, 4/6DK, 4/6DF, WP)	FAW Bosch EDC17CV44(National 4)	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (4B2)	EDC17CV54V750	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	National 4 common rail diesel engine	Bosch common rail (4D2)	EDC17CV54V750	✓	✓	✓	✓	✓	Erase PRV valve open times, erase PRV valve timeout time
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	Bosch Common Rail (6DM2, 4/6DK1)	Bosch EDC17CV44(V762)	✓	✓	✓	✓	✓	Engine speed control, modify EIN, modify VIN, modify vehicle model, modify PRV valve open times, modify PRV valve open time, modify software calibration identifying number, SCR aftertreatment test
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	Bosch Common Rail (6DM2, 4/6DK1)	EDC17CV44P903(400)	✓	✓	✓	✓	✓	Modify VIN code, modify EIN code, wirte vehicle model number, wirte software calibration identifying number, modify PRV valve open times, modify PRV valve open time, aftertreatment test, clear special DCT
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	Bosch Common Rail (6DM2, 4/6DK1)	EDC17CV44P903(301)	✓	✓	✓	✓	✓	Clear special fault codes
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	Bosch common rail (4DC3)	EDC17CV54P0174(760)	✓	✓	✓	✓	✓	Read-write injector Cylinder 4 data, read-write injector Cylinder 6 data, wirte VIN code, wirte EIN code

Disgnostic List Xichai_v10.82

Remark:

1. ✓: means that the system has this function
2. -: means that the system doesn't have this function
3. Compared with the last version, the new added function is marked in red color

System type	System	System	System	System	Function					
					Read version information	Read DTC	Erase DTC	Read Data Stream	Actuation Test	Remark (Other Functions)
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	FAW Common Rail (4/6DLD, 4/6DK1, 4DD, 4DH1)	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle bus model, compensation rate rewrite, PRV valve (pressure limiting valve) open times, PRV valve (pressure limiting valve) open time, engine running time, engine operate mileage, gas drive aftertreatment detecting, Tenneco aftertreatment, denso fuel system oil pump self-learning, ammonia canned vehicle acknowledgement code, entruck ammonia pot 1 serial number, entruck ammonia pot 2 serial number, diesel engine TDC ex-works winding correction angle, loan elimination flag bits
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	FAW Common Rail (4/6DLD, 4/6DK1, 4DD, 4DH1) -OBD	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	Bosch common rail 4DXR/4DW	EDC17CV54(A00, B00 EGR)	✓	✓	✓	✓	✓	Read-write injector Cylinder 4 data, read-write injector Cylinder 6 data, read-write VIN code, read-write EIN code, calibration sign
Engine system	Denso diesel common rail	National III Denso engine	4DL1	-	✓	✓	✓	✓	✓	Read-write QR code, oil pump learn etc.
Engine system	Denso diesel common rail	National III Denso engine	6DL1	-	✓	✓	✓	✓	✓	Read-write QR code, oil pump learn etc.
Engine system	Denso diesel common rail	National IV Denso engine	Xichai Euro IV engine	-	✓	✓	✓	✓	✓	Read and write QR code
Engine system	Denso diesel common rail	National IV Denso engine	Xichai CA6DL(with EGR)	-	✓	✓	✓	✓	✓	Read-write QR code, oil pump learn etc.
Engine system	Denso diesel common rail	National IV common rail diesel engine	Xichai 4DD engine control module (Denso D33)	-	✓	✓	✓	✓	✓	Read and write QR code
Engine system	Denso diesel common rail	National 3 common rail diesel engine	Denso common rail 4DD	D33	✓	✓	✓	✓	✓	Configuration information, read-write oil cylinder compensation rate, Modified electric control system input file, pump learn, read injector data(QR)
Engine system	Denso diesel common rail	National 3 common rail diesel engine	Denso common rail 6DL1	275800-4281	✓	✓	✓	✓	✓	Wirte VIN, wirte engine mark, QLQC1 fuel compensation rate correction number, QLQC2 fuel compensation rate correction number, QLQC3 fuel compensation rate correction number, wirte compensation rate, oil pump learn, odometer and fuel application total amount reset
Engine system	Denso diesel common rail	National 4 common rail diesel engine	Denso common rail 4DD	D33	✓	✓	✓	✓	✓	Configuration information, read-write oil cylinder compensation rate, modify electric control system data, pump learn, read injector data (QR)
Engine system	Denso diesel common rail	National 4 common rail diesel engine	Denso common rail (4/6DL1, 4/6DLD)	Denso common rail C31	✓	✓	✓	✓	-	Wirte manufacturer information, read OR compensation rate, wirte oil cylinder compensation rate
Engine system	Denso diesel common rail	National 4 common rail diesel engine	Denso common rail (4/6DL1, 4/6DLD)	Denso common rail C310BD	✓	✓	✓	✓	-	-
Engine system	Denso diesel common rail	National 5 common rail diesel engine	Denso common rail (4/6DL1)	Denso common rail C31	✓	✓	✓	✓	-	Wirte manufacturer information, read OR compensation rate, wirte oil cylinder compensation rate
Engine system	Denso diesel common rail	National 5 common rail diesel engine	Denso common rail (4/6DL1)	Denso common rail C310BD	✓	✓	✓	✓	-	-
Diesel Engine	Southern Mountain system (CAN)	Nanyue single pump system(J1939)	-	-	-	✓	✓	✓	-	-
Diesel Engine	Southern Mountain system (CAN)	Nanyue EPOWER unit pump system Rol (after 2011)	-	-	-	✓	✓	✓	-	-
Diesel Engine	Southern Mountain system (CAN)	Nanyue single pump system_R01 four cylinder	-	-	-	✓	✓	✓	✓	-

Disgnostic List Xichai_v10.82

Remark:

1. ✓: means that the system has this function
2. -: means that the system doesn't have this function
3. Compared with the last version, the new added function is marked in red color

System type	System	System	System	System	Function					
					Read version information	Read DTC	Erase DTC	Read Data Stream	Actuation Test	Remark (Other Functions)
Diesel Engine	Southern Mountain system (CAN)	Nanyue single pump system_R01 six cylinder	-	-	-	✓	✓	✓	✓	-
Diesel Engine	Southern Mountain system (CAN)	Nanyue unit pump system _R02 four cylinder Hall	-	-	-	✓	✓	✓	✓	-
Diesel Engine	Southern Mountain system (CAN)	Nanyue unit pump system_R02 six-cylinder Hall	-	-	-	✓	✓	✓	✓	-
Diesel Engine	Southern Mountain system (CAN)	Nanyue EPOWER unit pump system R04 (OBD)	-	-	-	✓	✓	✓	✓	-
Diesel Engine	Southern Mountain system (CAN)	Nanyue EPOWER unit pump system R03	-	-	-	✓	✓	✓	-	-
Engine system	Single pump engine system	Qingdao Hengyang single pump	4-cylinder engine	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	Qingdao Hengyang single pump	6-cylinder engine	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	National 3 unit pump diesel engine	Bosch pump (BF4M, BF6M)	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle vehicle model, compensation rate
Engine system	Single pump engine system	National 3 unit pump diesel engine	Hengyang pump (DEUTZ, 4DF3, 6DE3, 6DL)	-	✓	✓	✓	✓	✓	Wirte engine type, wirte EIN, wirte vehicle vehicle model, wirte VIN, maintenance station code or diagnostic instrument code, compensation rate read-write
Engine system	Single pump engine system	National 3 unit pump diesel engine	Hengyang pump (BF4M, BF6M)	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	National 3 unit pump diesel engine	Hengyang pump (4DW, 4DX, 4DF, 6DF)	-	✓	✓	✓	✓	✓	Routine control (engine knock), Modified vehicle No. (VIN), Modified engine code (EIN), read nozzle QR code, cylinder shutoff test
Engine system	Single pump engine system	National 3 unit pump diesel engine	Hengyang pump (M8 T3, 4DC T3)	-	✓	✓	✓	✓	✓	Routine control (engine knock), modify vehicle No. (VIN), modify engine code (EIN), read nozzle QR code, cylinder shutoff test
Engine system	Single pump engine system	National 3 unit pump diesel engine	Hengyang pump (BFM1013 T3, BFM2012 T3)	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	National 3 unit pump diesel engine	Bosch pump (BFM1013 T3, BFM2012 T3)	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	National 4 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ EGR)	-	✓	✓	✓	✓	-	Wirte engine type, wirte EIN, wirte vehicle vehicle model, wirte VIN, maintenance station code or diagnostic instrument code, compensation rate read-write
Engine system	Single pump engine system	National 4 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ EGR) -OBD	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	National 4 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ SCR)	-	✓	✓	✓	✓	-	Wirte engine type, wirte EIN, wirte vehicle vehicle model, wirte VIN, compensation rate read-write
Engine system	Single pump engine system	National 4 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ SCR) -OBD	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	National 4 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ, 6DL, 6DM, 6DN)	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle bus model, compensation rate rewrite, PRV valve (pressure limiting valve) open times, PRV valve (pressure limiting valve) open time, engine running time, engine operate mileage, gas drive aftertreatment detecting, Tenneco aftertreatment, denso fuel system oil pump self-learning, ammonia canned vehicle acknowledgement code, entruck ammonia pot 1 serial number, entruck ammonia pot 2 serial number, diesel engine TDC ex-works winding correction angle, loan elimination flag bits

Disgnostic List Xichai_v10.82

Remark:

1. ✓: means that the system has this function
2. -: means that the system doesn't have this function
3. Compared with the last version, the new added function is marked in red color

System type	System	System	System	System	Function					
					Read version information	Read DTC	Erase DTC	Read Data Stream	Actuation Test	Remark (Other Functions)
Engine system	Single pump engine system	National 4 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ, 6DL, 6DM, 6DN) - OBD	-	✓	✓	✓	✓	-	-
Engine system	Single pump engine system	National 5 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ)	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle bus model, compensation rate rewrite, PRV valve (pressure limiting valve) open times, PRV valve (pressure limiting valve) open time, engine running time, engine operate mileage, gas drive aftertreatment detecting, Tenneco aftertreatment, denso fuel system oil pump self-learning, ammonia canned vehicle acknowledgement code, entruck ammonia pot 1 serial number, entruck ammonia pot 2 serial number, diesel engine TDC ex-works winding correction angle, Loan elimination flag bits
Engine system	Single pump engine system	National 5 unit pump diesel engine	Hengyang pump onboard ECU (DEUTZ) -OBD	-	✓	✓	✓	✓	-	-
Engine system	Bosch diesel common rail	National 5 common rail diesel engine	FAW common rail (6DL, 6DM, 4/6DK, 4/6DH Autonomous gas drive)	-	✓	✓	✓	✓	✓	Wirte VIN, wirte EIN, wirte vehicle bus model, compensation rate rewrite, PRV valve (pressure limiting valve) open times, PRV valve (pressure limiting valve) open time, engine running time, engine operate mileage, gas drive aftertreatment detecting, Tenneco aftertreatment, denso fuel system oil pump self-learning, ammonia canned vehicle acknowledgement code, entruck ammonia pot 1 serial number, entruck ammonia pot 2 serial number, diesel engine TDC ex-works winding correction angle, loan elimination flag bits
Exhaust gas after-treatment system	Tenneco DCU		-	-	✓	✓	✓	✓	-	-
Exhaust gas after-treatment system	Bosch DCU	-	-	-	-	✓	✓	✓	-	-