



Shenzhen Xtooltech Co., Ltd

SINOTRUCK Function List V1.20

Tips and Instructions:

The programming function only supports H6PRO, H6PRO Master Edition products.

- * This feature is new.
- ✓ This feature is supported.
- ✗ This feature is not supported.
- ※ This feature is partially supported.

System	System	System	System	System	System	System	System	System	System	Read ECU information	Read Trouble Code	Clear Trouble Code	Live Data	Actuation Test	Special Functions	Remarks
Heavy Truck	Engine system	Denso Common Rail Engine	WD615/D10/D12 Denso Common Rail (China III)							✓	✓	✓		✓	✓	Action test 1. Cylinder breaking test 2. Fuel leak inspection 3. Exhaust brake on / turn off 4. Oil pump learning 5. Clear odometer and total fuel usage special function 1. Read all QR code 2. write QR code
Heavy Truck	Engine system	Denso Common Rail Engine	WD615/D10/D12 Denso Common Rail (China IV)							✓	✓	✓		✓	✓	Action test 1. Fuel leak check function 2. Exhaust brake inspection 3. Cylinder breaking test 4. Clear odometer and total fuel usage 5. Oil pump learning special function 1. Read all QR code 2. write QR code 3. Read and write frame number
Heavy Truck	Engine system	Denso Common Rail	P11C Hino Engine System							✓	✓	✓				
Heavy Truck	Engine system	Bosch Common Rail	Bosch EDC7(Man)							✓	✓	✓				
Heavy Truck	Engine system	Bosch Common Rail Engine	Heavy truck EDC17CV 44/54+SCR(UDS)							✓	✓	✓			✓	special function 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test 4. Clear PRV Valve timeout times 5. Clear PRV Valve timeout 6. Read and write VIN code 7. Urea injection test
Heavy Truck	Engine system	Bosch Common Rail Engine	Heavy truck EDC17CV 44/54+SCR(KWP)							✓	✓	✓		✓	✓	Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue/2 Access valve

Heavy Truck	Engine system	Bosch Common Rail Engine	Heavy truck EDC17CV 44/54+SCR(CAN)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue4/2 Access valve
Heavy Truck	Engine system	Bosch Common Rail Engine	Sinotruk Bosch (Europe VI)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Start failure information 2. Post-treatment spray test Parameter calibration 1.K Value read and write 2. Frame number read and write 3. Maximum speed read and write 4. Stop running idle speed reading and writing 5. Idle speed reading and writing
Heavy Truck	Engine system	HCR Common Rail Engine							✓	✓	✓	✓			
Heavy Truck	Engine system	Heavy truck EGR system							✓	✓	✓	✓			<ul style="list-style-type: none"> Troubleshooting 1. Save the current fault Motor test EGR test
Heavy Truck	Engine system	EControls Natural gas engine	Sinotruk natural gas system						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Nozzle test 2. ignition / Spark plug test 3. Ignition circuit closed loop test 4. closed loop / Adaptive data 5. Throttle diagnostic mode
Heavy Truck	Engine system	EControls Natural gas engine	Sinotruk natural gas 12L system						✓	✓	✓	✓			
Heavy Truck	Engine system	EControls Natural gas engine	Bosch Natural gas system						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write frame number VIN code
Heavy Truck	Engine system	Cummins Engine							✓	✓	✓	✓			
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE15 Road China IV, China V Or non-road three-stage					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1.AC Relay 2. Intake air heating relay 3. Intake air heating relay 2 4. Intake heating lamp 5.OBD Fault light 6. Warning light 7. Error light 8. Speed instead 9. Rail pressure instead 10. Fuel metering unit special function 1. Cylinder breaking test 2.PRV Valve parameter reset 3. OEM information calibration
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE15C Road China V Or river I					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1.AC Relay 2. Intake air heating relay 3. Intake air heating relay 2 4. Intake heating lamp 5.OBD Fault light 6. Warning light 7. Error light 8. Speed instead 9. Rail pressure instead 10. Fuel metering unit function test 1. Cylinder breaking test 2. Urea injection test 3.PRV Valve reset 4. OEM information calibration

Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE15(WP17V8 model)				✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1.A/C Relay 2. Engine speed substitution 3. Intake heating lamp (Cold start light) 4.OBD Fault light 5. Fuel metering unit 6. Error light 7. Rail pressure substitution 8. Warning light 9. Engine shutdown path control 10. Intake air heating relay 1 11. Intake air heating relay 2
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13A Non-road four stages				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Electronically controlled air release valve actuator test 2.EGR Position actuator test 3. Throttle position actuator test 4.VGT Actuator test 5. Exhaust butterfly valve actuator test 6. Intake air heating relay 1 Actuator test 7. fan PWM Drive actuator test 8. Fan digital drive pin 1 Actuator test 9. Fan digital drive pin 2 Actuator test 10. Urea pump drive actuator test special function 1.VIN Frame number calibration 2. Urea injection test 3.DPF Regeneration test
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13A(MD1) China V, Non-road three stages				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Electronically controlled air release valve actuator test 2.EGR Position actuator test 3. Throttle position actuator test 4.VGT Actuator test 5. Exhaust butterfly valve actuator test 6. Intake air heating relay 1 Actuator test 7. fan PWM Drive actuator test 8. Fan digital drive pin 1 Actuator test 9. Fan digital drive pin 2 Actuator test 10. Urea pump drive actuator test special function 1.VIN Frame number calibration 2. Urea injection test 3.DPF Regeneration test
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13A China VI, Europe VI				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Electronically controlled air release valve actuator test 2.EGR Position actuator test 3. Throttle position actuator test 4.VGT Actuator test 5. Exhaust butterfly valve actuator test 6. Intake air heating relay 1 Actuator test 7. fan PWM Drive actuator test 8. Fan digital drive pin 1 Actuator test 9. Fan digital drive pin 2 Actuator test 10. Urea pump drive actuator test special function 1.VIN Frame number calibration 2. Urea injection test 3.DPF Regeneration test
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13B				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor relay control (ACCD) 2. Speed setting value (EngM) 3. Intake heating lamp (Cold start light) control (CSLPCD) 4.Wrning Light control (WrnLmp) 5. Intake air heating relay 1(AirHt1) 6. Intake air heating relay 2(AirHt2) 7. Engine shutdown path
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE12A				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor relay test 2. Engine speed control test 3. Cold start lamp test 4.OBD Lamp test 5. Fuel measurement unit test 6. Error light test 7. Rail pressure test 8. Alarm lamp test 9. Engine shutdown path test 10. Heating relay 1 test 11. Heating relay 2 test special function 1. Cylinder breaking test

Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE12B 12V; Non-road three, Four stages				√	√	√	√						
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE10A(MDG1) In diesel , Heavy China VI				√	√	√	√		√	√			<ul style="list-style-type: none"> Action test 1. Air conditioning relay actuator test 2. Cold start lamp actuator test 3.MIL Lamp actuator test 4. Diesel pre-supply pump actuator test 5.SVS Lamp actuator test 6. Intake air heating relay 1 Actuator test 7. Fuel heating actuator test 8. Start relay actuator test 9. Fan digital drive pin 2 Actuator test 10. Urea pressure tube heating relay actuator test 11. Urea straw heating relay actuator test 12. Urea pump heating relay actuator test 13. Urea tank heating solenoid valve actuator test 14. Reverse valve drive actuator test 15. Post-processing heating main relay actuator test 16.Warning Lamp actuator test 17.Stop Lamp actuator test 18.NCD Lamp actuator test 19. Electronically controlled air release valve actuator test
Heavy Truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE10B Large bore , Heavy China VI, Non-road four				√	√	√	√		√				<ul style="list-style-type: none"> Action test 1. Close route service test 2. Exhaust butterfly valve actuator test 3. Intake air heating relay 1 Actuator test 4. Start relay actuator test 5. fan PWM Drive actuator test 6. fan digital drive pin 1 Actuator test 7. Fan digital drive pin 2 Actuator test 8. Prohibit delayed stop actuator test 9.MeUn Valve duty cycle actuator test 10.MeUn Valve flow actuator test 11.MeUn Valve current actuator test 12. Diesel pre-supply pump actuator test 13. Fuel heating actuator test 14. Rail pressure set value substitute value test 15.MIL Lamp actuator test 16.SVS Lamp actuator test 17.Warning Lamp actuator test 18.Stop Lamp actuator test 19.NCD Lamp actuator test
Heavy Truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC3 1 series (China III)	Weichai EDC7UC3 1(K line)			√	√	√	√						
Heavy Truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC3 1 series (China III)	Weichai EDC7UC3 1(CAN line)			√	√	√	√						
Heavy Truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (China IV/ China V)	Weichai Bosch China IV EDC17_K Line scan			√	√	√	√		√				<ul style="list-style-type: none"> Action test 1.OBD Lamp test 2. Flash code light test 3. Cold start light control 4. Urea tank heating test 5. Inlet pipe heating test 6. Test of total relay for heating of urea pipeline 7. Return line heating test 8. Pressure pipe heating test 9. Urea pump heating test 10. Urea nozzle test 11. Urea pump duty cycle test

Heavy Truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (China IV/ China V)	Weichai Bosch China IV EDC17_C AN Line scan (6/14 Pin)			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault code light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue 4/2 Access valve 19.SCR Heating reflux curve 20.AdBlue Heating supply module 21.AdBlue Heating draw curve
Heavy Truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (China IV/ China V)	Weichai Bosch China IV EDC17_C AN Line scan (1/9 Pin)			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1.OBD light 2. Flashing light 3. Inlet line heating 4. Cold start light 5. Intake air heating relay 6. Return line heating 7. Pressure line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve
Heavy Truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (China IV/ China V)	Clear EDC17 Series unclearable fault codes (Post-processing)			✓	✓	✓	✓			
Heavy Truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Special Beijing Five BEK5(Europe V/ Europe VI)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue4/2 Access valve 19.SCR Heating reflux curve 20.AdBlue Heating supply module 21.AdBlue Heating draw curve
Heavy Truck	ABS/EBS Braking System	Wabco ABS system						✓	✓	✓	✓			
Heavy Truck	ABS/EBS Braking System	Sinotruk ABS						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1.ABS Warning light 2.ASR Indicator light 3. Actuation engine interface 4. Actuation solenoid valve 5. Actuating differential valve
Heavy Truck	ABS/EBS Braking System	Xihe ABS						✓	✓	✓	✓			
Heavy Truck	ABS/EBS Braking System	Guangzhou Xihe ABS						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Warning light 2.ASR light 3.ASR Features
Heavy Truck	ABS/EBS Braking System	Comet ABS	Comet ABS(Hydraulic brake)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Input and output control 2. Routine control special function 1.VIN 2. Model code
Heavy Truck	ABS/EBS Braking System	Comet ABS	Comet ABS(Air brake)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code

Heavy Truck	ABS/EBS Braking System	Wabco EBS system							✓	✓	✓				Measurement and offline calibration
Heavy Truck	Transmission system	Sinotruk AMT Function operation						✓	✓	✓	✓		✓		Action test 1. Shift lever test 2. Actuation configuration
Heavy Truck	Transmission system	ZF AMT Function operation						✓	✓	✓	✓		✓		match / Set up 1.ECU Reset 2. Flash VIN 3.PTO 1 Types of 4.PTO 2 Types of 5. Gear type 6. Reverse gear type 7. Gearbox type 8. Retarder type Bench test 1. Mandatory gear test 2. Leak test special function 1. Degree of clutch engagement 2. Clutch self-learning 3. Clutch half joint point learning 4. Set the clutch default characteristic curve 5. Reset clutch load configuration 6. New clutch installation learning 7. Old clutch installation learning 8. Recalculate the rolling radius parameter 9. Initial absolute clutch position
Heavy Truck	Transmission system	Fast AMT Transmission control module						✓	✓	✓	✓				
Heavy Truck	Retarder system	Voith Retarder						✓	✓	✓	✓				
Heavy Truck	Retarder system	ZF retarder						✓	✓	✓	✓		✓	✓	Action test 1. Proportional solenoid valve 1 Current 2. Proportional solenoid valve 2 Current special function 1. Vehicle manufacturer spare part number 2. Vehicle manufacturer ECU Software number 3. Vehicle manufacturer ECU Software version number 4.VIN 5. Vehicle manufacturer ECU Hardware number 6. Exhaust control or type approval number 7. System name or engine type
Heavy Truck	Body module	CBCU Related operations						✓	✓	✓	✓				
Heavy Truck	Body module	BCU Related operations						✓	✓	✓	✓		✓		Advanced Features 1. parameter settings 2. Mileage reading and writing 3. Frame number flashing 4.ECU Reset
Heavy Truck	Body module	NanoBCU Related operations							✓	✓	✓				Read parameters Write parameters
Heavy Truck	Body module	MINI Controller									✓		✓		Advanced Features 1. Read parameters 2. Write parameters
Heavy Truck	Body module	NBCU						✓	✓	✓	✓		✓		special function 1. parameter settings
Heavy Truck	Instrument system	TFT meter						✓			✓		✓		Action test 1. Instrument diagnosis Mileage reading and writing Frame number (VIN) Read and write Parameter calibration

Heavy Truck	Instrument system	2012 Edition instrument							✓									<p>Action test</p> <ol style="list-style-type: none"> All warning lights are on (Multi-color warning lights in the same position , Open one of them) All warning lights are on (Multi-color warning lights in the same position , Open another) All gauges indicate the maximum scale All headers indicate the middle position Reset all headers Buzzer on Buzzer off All segments of the display are on All segments of the display are off The lighting turns on after the meter restarts (100% brightness) Lighting off (0% brightness) All warning lights are off Meter restart <p>Advanced Features</p> <ol style="list-style-type: none"> parameter settings Meter mileage
Heavy Truck	Instrument system	Commercial vehicle unite							✓	✓	✓	✓						
Heavy Truck	Instrument system	Color screen instrument							✓	✓	✓	✓						
Heavy Truck	SCR Post-processing system	Tenneco (Tenneco) DCU(7.0)							✓	✓	✓	✓						
Heavy Truck	SCR Post-processing system	Tenneco (Tenneco) DCU(1.0)							✓	✓	✓	✓		✓				<p>Action test</p> <ol style="list-style-type: none"> Self-check of metering pump
Heavy Truck	SCR Post-processing system	Sinotruk self-made SCR	Motor urea pump (Sinotruk Generation)						✓	✓	✓	✓		✓				<p>Action test</p> <ol style="list-style-type: none"> Standard test Single step test Urea pump pressure heating test
Heavy Truck	SCR Post-processing system	Sinotruk self-made SCR	Air-assisted urea pump (Sinotruk II)						✓	✓	✓	✓		✓				<p>Action test</p> <ol style="list-style-type: none"> Urea pump pressure test Pneumatic pressure test Atomization test Exhaust solenoid valve test Emptying test
Heavy Truck	SCR Post-processing system	Sinotruk self-made SCR	China V Air assist (Sinotruk III)						✓	✓	✓	✓		✓				<p>Action test</p> <ol style="list-style-type: none"> Pump pressure test Pressure relief valve test Blowback valve test Pressure regulator valve test Metering valve flow test Atomization test Emptying (Must be drained after the test)
Heavy Truck	SCR Post-processing system	Tenneco (Tenneco) ACU								✓	✓	✓			✓			<p>special function</p> <ol style="list-style-type: none"> replace DPF Carrier replace ACU
Heavy Truck	Air suspension system	ECAS Function operation								✓	✓	✓			✓			<p>Advanced Features</p> <ol style="list-style-type: none"> Read current altitude and pressure Adjust height
Heavy Truck	Other modules	BBM Related operations							✓									<p>parameter settings</p> <ol style="list-style-type: none"> Read parameters Change parameters
Heavy Truck	Other modules	VCU operating system							✓	✓	✓	✓		✓				<p>Action test</p> <ol style="list-style-type: none"> Accelerator pedal power supply High range valve Low range valve Transmission power take-off neutral valve Low-end control valve 2 Low-end control valve 1 Reserve valve 1 Reserve valve 2 Transmission input shaft sensor diagnosis power supply Transmission power take-off solenoid valve Warning light High-end valve Low gear valve High gear selection valve Low gear selection valve High differential gear valve Low differential gear valve Clutch valve 1
Heavy Truck	Other modules	K Value calculation							✓	✓	✓	✓						
Heavy Truck	Other modules	Radar system generation							✓	✓	✓	✓			✓			<p>special function</p> <ol style="list-style-type: none"> ECU Reboot

Heavy Truck	Other modules	camera (Hengrun)														Equipment calibration
Light truck	Engine system	Sinotruk Bosch Common Rail	Bosch EDC7(Man engine)					√	√	√	√					
Light truck	Engine system	Sinotruk Bosch Common Rail	Heavy truck EDC17CV 44/54+SCR(UDS)					√	√	√	√			√		special function 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test 4. Clear PRV Valve timeout times 5. Clear PRV Valve timeout 6. Read and write VIN code 7. Urea injection test
Light truck	Engine system	Sinotruk Bosch Common Rail	Heavy truck EDC17CV 44/54+SCR(KWP)					√	√	√	√			√	√	Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue4/2 Access valve
Light truck	Engine system	Sinotruk Bosch Common Rail	Heavy truck EDC17CV 44/54+SCR(CAN)					√	√	√	√			√	√	Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue4/2 Access valve 19.SCR Heating reflux curve 20.AdBlue Heating supply module 21.AdBlue Heating draw curve
Light truck	Engine system	Sinotruk Bosch Common Rail	Sinotruk Bosch (Europe VI)					√	√	√	√			√		Action test 1. Start failure information 2. Post-treatment spray test Parameter calibration 1.K Value read and write 2. Frame number read and write 3. Maximum speed read and write 4. Stop running idle speed reading and writing 5. Idle speed reading and writing

Light truck	Engine system	Dachai - Xichai Bosch Common Rail	EDC17CV 54P1074(V740,V760)	liberation P1074 EDC17CV 54 band EGR(4DC2)(K)				✓	✓	✓	✓		✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders special function 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test 4. Clear PRV Valve timeout times 5. Clear PRV Valve timeout 6. Read and write CAL_ID 7. Flash VIN code
Light truck	Engine system	Dachai - Xichai Bosch Common Rail	EDC17CV 54P1074(V740,V760)	liberation P1074 EDC17CV 54 band EGR(4DC2)(CAN)				✓	✓	✓	✓				
Light truck	Engine system	Dachai - Xichai Bosch Common Rail	EDC17CV 54P1074(V740,V760)	liberation P1074 EDC17CV 54 band EGR(4DC2)(UDS)				✓	✓	✓	✓		✓		<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Boost pressure actuator test 3.EGR Actuator test 4. Preheat indicator test 5. Air intake preheating actuator 6.OBD Indicator light test 7. Fuel metering unit test 8. Fault indicator test 9. Throttle actuator test 10. Variable intake valve actuator test 11. Rail pressure substitute value test in case of failure 12. Diagnostic instrument test value test 13. Engine speed test function test 1. Cylinder breaking test match / Set up 1. Write new EIN 2. Write new VIN
Light truck	Engine system	Dachai - Xichai Bosch Common Rail	EDC17CV 44P903(V720,V750,V762)	liberation P903 EDC17CV 44 With urea (K)				✓	✓	✓	✓		✓		<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump

Light truck	Engine system	Dachai - Xichai Bosch Common Rail	EDC17CV 44P903(V720,V750,V762)	liberation P903 EDC17CV 44 With urea (CAN)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue4/2 Access valve
Light truck	Engine system	Dachai - Xichai Bosch Common Rail	EDC17CV 44P903(V720,V750,V762)	liberation P903 EDC17CV 44 With urea (UDS)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Signal test of air conditioner compressor 2. Preheat indicator 3. Air intake preheating actuator 4. Fault light test 5. Fault indicator 6. Diagnostic instrument test value 7. State test of fuel injection characteristics of selected cylinders 8. Dosing valve 9. Heating pressure curve 10. Heating tank 11.4/2 Access valve 12. Heating countercurrent curve 13. Heating supply module 14. Heating suction curve 15. External urea heating relay special function 1.SCR Post-processing test 2. Modify electronic control unit data 3. Maximum speed setting 4. Cylinder breaking test
Light truck	Engine system	Dachai - Xichai Bosch Common Rail	EDC17CV 54P1651(A00,B00,E00 EGR)						✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning signal test 2. Boost pressure test 3.EGR test 4. Engine speed test 5. Preheat indicator test 6. Air intake preheating actuator test 7.OBD Indicator light test 8. Fuel metering unit test 9. Fault indicator test 10. Throttle actuator test 11. Variable intake valve actuator test 12. Substitute value of rail pressure at the time of failure 13. Diagnostic instrument test value 14. Cylinder breaking test 1 15. Cylinder breaking test 2 16. Cylinder breaking test 3 17. Cylinder breaking test 4

Light truck	Engine system	Dachai - Xichai Bosch Common Rail	Xichai Bosch Common Rail China VI Electric control system (CV41)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test 2. Booster actuator test 3. EGR Valve test 4. Average engine speed test 5. GLOW Lamp test 6. mil Lamp test 7. Fuel metering unit test 8. Pressure control valve test 9. Fuel pump test 10. SVS Lamp test 11. Throttle valve opening test 12. Vortex valve position test 13. Rail pressure setting 14. Cylinder breaking test _1 Cylinder broken 15. Cylinder breaking test _2 Cylinder broken 16. Cylinder breaking test _3 Cylinder broken 17. Cylinder breaking test _4 Cylinder broken 18. Cylinder breaking test _5 Cylinder broken 19. Cylinder breaking test _6 Cylinder broken
Light truck	Engine system	Chaochai Bosch Common Rail	Chao Chai P880 EDC17CV 54+EGR (K)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders special function 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test match / Set up 1. Clear PRV Valve timeout times 2. Clear PRV Valve timeout 3. Read and write CAL_ID
Light truck	Engine system	Chaochai Bosch Common Rail	Chao Chai P880 EDC17CV 54+EGR(CAN)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Strong booster actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders special function 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test 4. Clear PRV Valve timeout times 5. Clear PRV Valve timeout 6. Read and write CAL_ID 7. VIN Code flashing
Light truck	Engine system	Chaochai Bosch Common Rail	Chao Chai P924 EDC17C53					✓	✓	✓	✓			
Light truck	Engine system	Chaochai Bosch Common Rail	Chao Chai P978 EDC17C55					✓	✓	✓	✓			
Light truck	Engine system	Chaochai Bosch Common Rail	Chao Chai 485 Type engine EDC17C04 system					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Preheat lamp 2. Preheat relay 3. Fault light

Light truck	Engine system	Chaochai Bosch Common Rail	Bosch MD1CE Common Rail System (✓	✓	✓	✓								
Light truck	Engine system	Yunnei Bosch Common Rail	Yunnei Bosch EDC17C5 3 system	Yunnei Bosch P924 EDC17C5 3 system (✓	✓	✓	✓								
Light truck	Engine system	Yunnei Bosch Common Rail	Yunnei Bosch EDC17C5 3 system	Yunnei Bosch P924 EDC17C5 3 system				✓	✓	✓	✓								
Light truck	Engine system	Yunnei Bosch Common Rail	Yunnei Bosch EDC17C5 3 system	Yunnei Bosch P924 EDC17C5 3 system				✓	✓	✓	✓								
Light truck	Engine system	Yunnei Bosch Common Rail	Yunnei Bosch EDC17CV 54+EGR system	Yunnei Bosch P1187 EDC17CV 54 band EGR(K)				✓	✓	✓	✓								
Light truck	Engine system	Yunnei Bosch Common Rail	Yunnei Bosch EDC17CV 54+EGR system	Yunnei Bosch P1187 EDC17CV 54 band EGR				✓	✓	✓	✓								
Light truck	Engine system	Yunnei Bosch Common Rail	Yunnei Bosch P1852 EDC17C8 1+DPF					✓	✓	✓	✓								
Light truck	Engine system	Yunnei Bosch Common Rail	Yunnei Bosch China VI					✓	✓	✓	✓		✓	✓					<ul style="list-style-type: none"> Action test 1. Supercharger test 2.EGR Valve test 3. Engine brake switch 4. Preheat indicator test 5. Low idle brake switch 6.OBD Lamp test 7. Fuel metering unit test 8. System light test 9. Throttle valve test 10. Rail pressure target value test 11. Throttle position self-learning test 12. Urea pressure tube heating test 13. Urea suction tube heating test 14. Urea supply pipe heating test 15. Urea tank heating test 16. Urea pump test 17. Exhaust temperature sensor test 18. Temperature test of upstream sensor of particulate filter 19.SCR System upstream sensor temperature test 20.SCR System injection valve test 21. Engine oil cut test
Light truck	Engine system	Yuchai Engine	Yuchai Bosch EDC17CV 44/CV54(K line)					✓	✓	✓	✓								
Light truck	Engine system	Yuchai Engine	Yuchai Bosch EDC17CV 44/CV54(CAN line)					✓	✓	✓	✓								
Light truck	Engine system	Yuchai Engine	Yuchai Bosch China VI(MD1CE P1960)					✓	✓	✓	✓							✓	special function 1. Read and write VIN code
Light truck	Engine system	Weichai Engine	Weichai Autonomos	WISE15 Road China IV, China V Or non-road three-stage				✓	✓	✓	✓		✓	✓					<ul style="list-style-type: none"> Action test 1.AC Relay 2. Intake air heating relay 3. Intake air heating relay 2 4. Intake heating lamp 5.OBD Fault light 6. Warning light 7. Error light 8. Speed instead 9. Rail pressure instead 10. Fuel metering unit special function 1. Cylinder breaking test 2.PR V Valve parameter reset 3. OEM information calibration

Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE15C Road China V Or river 1				✓	✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1.AC Relay 2. Intake air heating relay 3. Intake air heating relay 2 4. Intake heating lamp 5.OBD Fault light 6. Warning light 7. Error light 8. Speed instead 9. Rail pressure instead 10. Fuel metering unit function test 1. Cylinder breaking test 2. Urea injection test 3.PRV Valve reset 4. OEM information calibration
Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE15(WP17V8 model)				✓	✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1.A/C Relay 2. Engine speed substitution 3. Intake heating lamp (Cold start light) 4.OBD Fault light 5. Fuel metering unit 6. Error light 7. Rail pressure substitution 8. Warning light 9. Engine shutdown path control 10. Intake air heating relay 1 11. Intake air heating relay 2
Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13A Non-road four stages				✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Electronically controlled air release valve actuator test 2.EGR Position actuator test 3. Throttle position actuator test 4.VGT Actuator test 5. Exhaust butterfly valve actuator test 6. Intake air heating relay 1 Actuator test 7. fan PWM Drive actuator test 8. Fan digital drive pin 1 Actuator test 9. Fan digital drive pin 2 Actuator test 10. Urea pump drive actuator test special function 1.VIN Frame number calibration 2. Urea injection test 3.DPF Regeneration test
Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13A(MD1) China V, Non-road three stages				✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Electronically controlled air release valve actuator test 2.EGR Position actuator test 3. Throttle position actuator test 4.VGT Actuator test 5. Exhaust butterfly valve actuator test 6. Intake air heating relay 1 Actuator test 7. fan PWM Drive actuator test 8. Fan digital drive pin 1 Actuator test 9. Fan digital drive pin 2 Actuator test 10. Urea pump drive actuator test special function 1.VIN Frame number calibration 2. Urea injection test 3.DPF Regeneration test
Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13A China VI, Europe VI				✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Electronically controlled air release valve actuator test 2.EGR Position actuator test 3. Throttle position actuator test 4.VGT Actuator test 5. Exhaust butterfly valve actuator test 6. Intake air heating relay 1 Actuator test 7. fan PWM Drive actuator test 8. Fan digital drive pin 1 Actuator test 9. Fan digital drive pin 2 Actuator test 10. Urea pump drive actuator test special function 1.VIN Frame number calibration 2. Urea injection test 3.DPF Regeneration test

Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE13B				√	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor relay control (ACCD) 2. Speed setting value (EngM) 3. Intake heating lamp (Cold start light) control (CSLPCD) 4. Wrning Light control (WrnLmp) 5. Intake air heating relay 1(AirH1) 6. Intake air heating relay 2(AirH2) 7. Engine shutdown path
Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE12A				√	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor relay test 2. Engine speed control test 3. Cold start lamp test 4.OBD Lamp test 5. Fuel measurement unit test 6. Error light test 7. Rail pressure test 8. Alarm lamp test 9. Engine shutdown path test 10. Heating relay 1 test 11. Heating relay 2 test special function 1. Cylinder breaking test
Light truck	Engine system	Weichai Engine	Weichai Autonomo us	WISE12B 12V; Non-road three , Four stages				√	√	√	√				
Light truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch China IV EDC17_K Line scan				√	√	√	√		√		<ul style="list-style-type: none"> Action test 1.OBD Lamp test 2. Flash code light test 3. Cold start light control 4. Urea tank heating test 5. Inlet pipe heating test 6. Test of total relay for heating of urea pipeline 7. Return line heating test 8. Pressure pipe heating test 9. Urea pump heating test 10. Urea nozzle test 11. Urea pump duty cycle test
Light truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch China IV EDC17_C AN Line scan (6/14 Pin)				√	√	√	√		√	√	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Exhaust gas recirculation actuator 4. Engine speed test 5. Preheat indicator test 6. Fault code light test 7. Fuel metering actuator test 8. System light test 9. Throttle actuator test 10. Variable eddy current actuator test 11. Alternative rail pressure set point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders 14.SCR- Injection valve 15.SCR- Heating pressure curve 16.SCR- Urea tank heating 17.AdBlue Supply pump 18.AdBlue 4/2 Access valve 19.SCR Heating reflux curve 20.AdBlue Heating supply module 21.AdBlue Heating draw curve
Light truck	Engine system	Weichai Engine	Weichai Bosch	Weichai Bosch China IV EDC17_C AN Line scan (1/9 Pin)				√	√	√	√		√		<ul style="list-style-type: none"> Action test 1.OBD light 2. Flashing light 3. Inlet line heating 4. Cold start light 5. Intake air heating relay 6. Return line heating 7. Pressure line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve

Light truck	SCR Post-processing system	Weifu Lida SCR system	Weifu Lida post-processing (Non-air-assisted)					√	√	√	√		√	√	<ul style="list-style-type: none"> Action test 1. Urea tank heating function 2. Urea pipe heating function 3. Urea thawing time 4. Prohibit NOX emission OBD 5. Prohibit all OBD special function 1. Leak test 2. Metering pump loading test 3. Metering pump beyond test 4. Nozzle solenoid valve click test 5. Heating solenoid valve click test 6. Reverse solenoid valve click test 7. Post-processing heating test 8. Nitrogen oxide sensor test
Light truck	SCR Post-processing system	Weifu Lida SCR system	Weifu Lida post-processing (Kisuke)					√	√	√	√		√	√	<ul style="list-style-type: none"> Action test 1. Urea tank heating function 2. Urea pipe heating function 3. Urea thawing time special function 1. Metering pump motor test 2. Metering pump beyond test 3. Heating solenoid valve click test 4. Calculate the pump air solenoid valve click test 5. Electric heating system test 6. Nitrogen oxide sensor test
Light truck	Other modules	BBM Related operations						√							<ul style="list-style-type: none"> parameter settings 1. Read parameters 2. Change parameters