



Shenzhen Xtooltech Co., Ltd

Foton Function List V21.17

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	Read Data Stream	Actuation Test	Special Function	Remarks
Car	Midi	Engine	4G15 Engine	UMC System ME7 (MT)						✓	✓	✓	✓	✓		Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Disable fuel injection 9. Idle speed control 10. Reset ECU Self-learning value 11. Reset long-term fuel self-learning adjustment 12. Lock the throttle position valve 13. Lock delayed ignition angle 14. Activate driver stage diagnosis
Car	Midi	Engine	4G15 Engine	UMC System M797.1 (AT)						✓	✓	✓	✓	✓		Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Disable fuel injection 9. Idle speed control 10. Reset ECU Self-learning value 11. Reset long-term fuel self-learning adjustment 12. Lock the throttle position valve 13. Lock delayed ignition angle 14. Activate driver stage diagnosis 15. Ignition coils 1 16. Ignition coils 2 17. Ignition coils 3 18. Ignition coils 4
Car	Midi	Engine	4G13 Engine	UMC System M797.1						✓	✓	✓	✓	✓		Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Disable fuel injection 9. Idle speed control 10. Set stepper motor position 11. Stepper motor actuator test 12. Lock delayed ignition angle 13. Activate driver stage diagnosis
Car	Midi	Engine	4G18 Engine	UMC System M797.1						✓	✓	✓	✓	✓		Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Disable fuel injection 9. Idle speed control 10. Set stepper motor position 11. Stepper motor actuator test 12. Lock delayed ignition angle 13. Activate driver stage diagnosis 14. Ignition coils 1 15. Ignition coils 2 16. Ignition coils 3 17. Ignition coils 4
Car	Midi	Engine	4A91 Engine	M780						✓	✓	✓	✓	✓		Action test 1. Engine fault indicator 2. Fuel pump relay 3. Cooling fan relay #1 4. Cooling fan relay #2 5. Air conditioning clutch 6. Vehicle maintenance indicator (SVS) 7. Stepper motor actuator test 8. Carbon canister control valve 9. Idle speed control 10. Ignition delay 11. Set stepper motor position

Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)					✓	✓	✓	✓				
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine					✓	✓	✓	✓					
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39				✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55				✓	✓	✓	✓				
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421				✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 	
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55				✓	✓	✓	✓				
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63				✓	✓	✓	✓				
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 	

Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)															<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)															<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1941 EDC17C81 (SCR)															<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset
Pickup	Sup / conqueror	Engine	4JB1T diesel Engine	VE Pump system																<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Pickup	Sup / conqueror	Engine	Foton Cummins Engine	Cummins Engine																
Pickup	Sup / conqueror	Engine	4669 gasoline Engine	Delphi MT22. 1. 1																
Pickup	Sup / conqueror	Engine	486 gasoline Engine	UMC M788																<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Delay ignition 9. Supercharged engine electronic water pump 10. Turbocharger valve Advanced Features 1. ECU Power-off reset

Pickup	Sup / conqueror	Engine	4J28TV diesel Engine	Electric control VE Pump (K-line)						√	√	√	√	√	special function 1. Write VIN code
Pickup	Sup / conqueror	Engine	4J28TV diesel Engine	Electric control VE Pump OBD						√	√	√	√	√	special function 1. Read and write VIN code 2. CALID set up
Pickup	Sup / conqueror	Engine	4G69CNG Dual fuel	Chongqing Kairui Natural Gas (China Automobile Institute)						√	√	√	√		
Pickup	Sup / conqueror	Engine	4G69CNG Dual fuel	Chongqing Kairui Natural Gas IME						√	√	√	√		
Pickup	Sup / conqueror	Anti-lock brake	Wan'an ABS							√	√	√	√	√	Action test 1. motor 2. Left front solenoid valve (Advance) 3. Right front solenoid valve (Advance) 4. Left rear solenoid valve (Advance) 5. Right rear solenoid valve (Advance) 6. Left front solenoid valve (Out) 7. Right front solenoid valve (Out) 8. Left rear solenoid valve (Out) 9. Right rear solenoid valve (Out)
Pickup	Sup / conqueror	Anti-lock brake	Wan'an ABS_K line							√	√	√	√	√	Action test 1. ABS Warning light special function 1. ECU Numbering 2. vehicle VIN 3. Vehicle model code 4. Wheel solenoid valve test
Pickup	Sup / conqueror	Anti-lock brake	Wanan Electronic Control ABS							√	√	√	√	√	Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Model code
Pickup	Sup / conqueror	Anti-lock brake	Wan'an (VIE) ABS system							√	√	√	√	√	Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Model code
Pickup	Sup / conqueror	Anti-lock brake	Wan'an (Qingqi) ABS system							√	√	√	√	√	Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Model code 3. ECU Numbering
Pickup	Sup / conqueror	Anti-lock brake	Asia Pacific ABS system (RWP)							√	√	√	√	√	Action test 1. Pump motor 2. Left front intake valve 3. Right front intake valve 4. Left rear intake valve 5. Right rear intake valve 6. Front left exhaust valve 7. Right front exhaust valve 8. Left rear exhaust valve 9. Right rear exhaust valve Exhaust function
Pickup	Sup / conqueror	Anti-lock brake	Asia Pacific ABS_VER2							√	√	√	√	√	Action test 1. Pump motor 2. Valve coil 3. Rear left normally closed valve 4. Rear left normally open valve 5. Rear right normally closed valve 6. Rear right normally open valve 7. Front left normally closed valve 8. Front left normally open valve 9. Front right normally closed valve 10. Front right normally open valve
Pickup	Sup / conqueror	Anti-lock brake	Asia Pacific ABS_VER3							√	√	√	√	√	Action test

Pickup	Sup / conqueror	Anti-lock brake	Asia Pacific Defense ABS (APG) K line							✓	✓	✓	✓			
Pickup	Sup / conqueror	Anti-lock brake	Asia Pacific ABS system (BOSCH)							✓	✓	✓	✓	✓		Action test
Pickup	Sup / conqueror	airbag	Jinheng Airbag							✓	✓	✓	✓	✓	✓	Action test 1. Airbag warning light special function 1. ECU Reset 2. Write vehicle identification code (VIN) 3. Write production date
Pickup	Tunland	Engine	4669 gasoline Engine	Delphi MT22. 1. 1						✓	✓	✓	✓			
Pickup	Tunland	Engine	486 Supercharged Engine	UMC M788						✓	✓	✓	✓	✓	✓	Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Delay ignition 9. Supercharged engine electronic water pump 10. Turbocharger valve Advanced Features 1. ECU Power-off reset
Pickup	Tunland	Engine	486 Self-priming Engine	UMC M780						✓	✓	✓	✓			
Pickup	Tunland	Engine	Foton Cummins Engine	Cummins Engine						✓	✓	✓	✓			
Pickup	Tunland	Engine	G012. 0T UMC Engine	MED17. 8. 2						✓	✓	✓	✓	✓	✓	Action test 1. Carbon canister control valve 2. Fuel pump relay 3. DIO fan 1 4. DIO fan 2 5. Throttle opening 6. Exhaust gas turbocharging 7. Pressure relief valve control 8. Water pump control 9. MIL Light control 10. Idle speed control 11. PWM fan 1 special function 1. match / Set up 2. Write VIN code 3. Write programming date 4. Write garage password
Pickup	Tunland	Body	Etech BCM							✓	✓	✓	✓	✓	✓	Action test 1. Power windows 2. Washing and wiper 3. Central lock 4. light Match settings / Set up 1. Set up CAN Configuration information special function 1. Body reset 2. Key matching 3. Activate anti-theft speaker 4. Clear key information
Pickup	Tunland	Anti-lock brake	Bosch ABS8 (CAN)							✓	✓	✓	✓	✓		Action test 1. Pump motor 2. Left forward liquid valve 3. Right forward liquid valve 4. Left rear inlet valve 5. Right rear inlet valve 6. Left front outlet valve 7. Right front outlet valve 8. Left rear outlet valve 9. Right rear outlet valve 10. Speed limit disabled (Speed 10km/h) 11. Prohibition of valve closing Match settings 1. Write configuration information
Pickup	Tunland	Anti-lock brake	Bosch ABS9 (CAN)							✓	✓	✓	✓			

Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)					✓	✓	✓	✓				
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine						✓	✓	✓	✓				
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39				✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55				✓	✓	✓	✓				
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421				✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 	
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55				✓	✓	✓	✓				
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63				✓	✓	✓	✓				
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test 	

Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)															<ul style="list-style-type: none"> 1. Read hierarchical data and VDS code Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)															<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1941 EDC17C81 (SCR)															<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
Pickup	Tunland (P202)	Engine	4JB1T diesel Engine	VE Pump system																<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Pickup	Tunland (P202)	Engine	D20TCIE Engine																	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Read and write VIN code

Pickup	Tunland (P202)	Anti-lock brake	Bosch ABS9							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left forward oil valve 2. Left front delivery valve 3. Right forward oil valve 4. Right front delivery valve 5. Left rear oil inlet valve 6. Left rear delivery valve 7. Right rear oil inlet valve 8. Right rear delivery valve 9. Pump motor 10. ABS Indicator light 11. EBD Indicator light
Pickup	Tunland (P202)	Anti-lock brake	Bosch ESP9							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left front input valve 2. Left front output valve 3. Right front inlet valve 4. Right front output valve 5. Left rear input valve 6. Left rear output valve 7. Right rear input valve 8. Right rear output valve 9. Loop control valve 1 10. Loop control valve 2 11. High pressure switch valve 1 12. High pressure switch valve 2 13. Pump motor 14. ABS Indicator light 15. ESP Indicator light 16. EBD Indicator light 17. Speed limit disabled / Enable 18. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust
Pickup	Tunland (P202)	airbag	Continental Jingheng SRS							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Airbag warning light 2. PADL light 3. Activate collision CAN Output 4. Activate collision HW Output 5. Seat belt warning device match / Set up 1. ECU Reset 2. Configuration information
Pickup	Tunland (P202)	Body	Etech BCM							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Power windows 2. Washing and wiper 3. Central lock 4. light Match settings / Set up 1. Set up CAN Configuration information special function 1. Body reset 2. Key matching 3. Activate anti-theft speaker 4. Clear key information
Pickup	Tunland (P202)	meter	Combination instrument							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. ABS malfunction 4. Engine anti-theft 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine shutdown 10. Driver's seat belt 11. Turn left 12. Turn right 13. cruise 14. Front fog lights 15. High beam 16. Rear fog lamps 17. Engine warm up 18. ESP open (ESP jobs / malfunction) 19. ESP turn off 20. High exhaust temperature lamp 21. DPF light
Pickup	Tunland (P202)	All-wheel drive	BorgWarner AWD							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. ECU Reset 2. Vehicle information configuration
Pickup	Tunland (P202)	TBOX								✓	✓	✓	✓			
Pickup	Tunland (2015 paragraph)	Engine	4G69 gasoline Engine	Delphi MT22. 1. 1						✓	✓	✓	✓			

Pickup	Tunland (2015 paragraph)	Engine	486 Supercharged Engine	UMC M788						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Delay ignition 9. Supercharged engine electronic water pump 10. Turbocharger valve Advanced Features 1. ECU Power-off reset
Pickup	Tunland (2015 paragraph)	Engine	486 Self-priming Engine	UMC M780						✓	✓	✓	✓			
Pickup	Tunland (2015 paragraph)	Engine	491 Engine	MT22U						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10. 1# Cylinder breaking test 11. 2# Cylinder breaking test 12. 3# Cylinder breaking test 13. 4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
Pickup	Tunland (2015 paragraph)	Engine	Foton Cummins Engine	Cummins Engine						✓	✓	✓	✓			
Pickup	Tunland (2015 paragraph)	Engine	G012.0T UMC Engine	MED17. 8. 2						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Carbon canister control valve 2. Fuel pump relay 3. DIO fan 1 4. DIO fan 2 5. Throttle opening 6. Exhaust gas turbocharging 7. Pressure relief valve control 8. Water pump control 9. MIL Light control 10. Idle speed control 11. PWM fan 1 special function 1. match / Set up 2. Write VIN code 3. Write programming date 4. Write garage password
Pickup	Tunland (2015 paragraph)	Anti-lock brake	Bosch ABS9							✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. motor 2. Left front solenoid valve (Advance) 3. Right front solenoid valve (Advance) 4. Left rear solenoid valve (Advance) 5. Right rear solenoid valve (Advance) 6. Left front solenoid valve (Out) 7. Right front solenoid valve (Out) 8. Left rear solenoid valve (Out) 9. Right rear solenoid valve (Out) 10. Speed limit disabled 11. Disable relay valve closing

Pickup	Tunland (2015 paragraph h)	Anti-lock brake	Bosch ESP9						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left front input valve 2. Left front output valve 3. Right front inlet valve 4. Right front output valve 5. Left rear input valve 6. Left rear output valve 7. Right rear input valve 8. Right rear output valve 9. Loop control valve 1 10. Loop control valve 2 11. High pressure switch valve 1 12. High pressure switch valve 2 13. Pump motor 14. ABS Indicator light 15. ESP Indicator light 16. EBD Indicator light 17. Speed limit disabled / Enable 18. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust
Pickup	Tunland (2015 paragraph h)	Body	Etech BCM						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Power windows 2. Washing and wiper 3. light 4. Central lock 5. Back door lock 6. Daytime running lights 7. Key light 8. speaker 9. Rearview mirror folding Match settings 1. Set up CAN Configuration information special function 1. Reset body system 2. Key matching 3. Erase key information
Pickup	Tunland (2015 paragraph h)	meter	Continental Instrument						✓			✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Engine anti-theft 6. Low oil pressure 7. Brake system failure 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures 13. Vacuum alarm 14. Turn left 15. Passenger seat belt 16. green PEPS 17. Turn right 18. red PEPS 19. 4H 20. 4L 21. AWD
Pickup	Tunland (2015 paragraph h)	Automatic Transmission	ZF Automatic Transmission						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Reset TCM Self-learning value 2. Hardware reset
Pickup	Tunland (2015 paragraph h)	All-wheel drive	BorgWarner two-speed electric transfer case system						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. ECU Reset 2. Vehicle information configuration
Pickup	Tunland (2015 paragraph h)	All-wheel drive	BorgWarner two-speed intelligent transfer case system						✓	✓	✓	✓			
Pickup	Tunland (2015 paragraph h)	airbag	Jinheng Airbag (new)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Airbag warning light 2. The collision output is CAN Output 3. Seat belt reminder special function 1. EOL locking 2. Write VIN code 3. Write production date 4. Write the last repair date 5. Hardware reset
Pickup	Tunland (2015 paragraph h)	Tire pressure	Xiamen Tongzhi TPMS						✓	✓	✓	✓			



Pickup	Tunland (P203)	Body system (BCM)								√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Right turn signal 42W+1.5W 2. Left turn signal 42W+1.5W 3. Sakon / High beam (External relay) 4. Right near / High beam (External relay) 5. Front position light 5W+5W 6. Rear position light 6.5W+6.5W 7. brake light 21W*2 8. Rearview mirror heating 60W 9. Daytime running lights 4W*2 10. Reversing lights 2*21W 11. Instrument lighting 3A 12. Door lock 13. License Plate Light 10W 14. Rear fog lamps 2*5W 15. Door unlock 16. Driver door unlock 17. Front washing liquid pump (Direct drive) 18. Dome lamp control PWM(LSD) 19. Sport Mode Indicator (AT) 20. EPB Switch indicator 21. Four-wheel drive SW-4L Indicator light
Pickup	Tunland (P203)	Instrument system (ICM)								√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. LED control 2. Instrument control special function 1. One-click platform configuration 2. Read and write VIN code 3. Hardware reset
Pickup	Tunland (P203)	Anti-lock brake system (ABS)								√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Left forward oil valve 2. Left front delivery valve 3. Right forward oil valve 4. Right front delivery valve 5. Left rear oil inlet valve 6. Left rear delivery valve 7. Right rear oil inlet valve 8. Right rear delivery valve 9. Pump motor 10. ABS Indicator light 11. EBD Indicator light special function 1. One-click platform configuration 2. Hub mode
Pickup	Tunland (P203)	Body stability system (ESC/ESP)								√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Left front input valve 2. Left front output valve 3. Right front inlet valve 4. Right front output valve 5. Left rear input valve 6. Left rear output valve 7. Right rear input valve 8. Right rear output valve 9. Loop control valve 1 10. Loop control valve 2 11. High pressure switch valve 1 12. High pressure switch valve 2 13. Pump motor 14. ABS Indicator light 15. ESP Indicator light 16. EBD Indicator light 17. Speed limit disabled / Enable 18. Disable relay valve closing
Pickup	Tunland (P203)	360 Look around (AVM)								√	√	√	√			
Pickup	Tunland (P203)	Air Conditioning System (CLM)								√	√	√	√			
Pickup	Tunland (P203)	Blind spot monitoring (BSD)								√	√	√	√			
Pickup	Tunland (P203)	airbag (SRS)								√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Airbag warning light 2. Collision output special function 1. One-click platform configuration 2. Read and write VIN code 3. Hardware reset
Pickup	Tunland (P203)	Audiovisual system (Audio)								√	√	√	√			
Pickup	Tunland (P203)	Electric transfer case (2SPT)								√	√	√	√			

Pickup	Tunland (P203)	Internet of Vehicles System (TBOX)							√	√	√	√			
Pickup	Tunland (P203)	Front camera (FCS)	Front camera (FCS)- Shanghai						√	√	√	√			
Pickup	Tunland (P203)	Front camera (FCS)	Front camera (FCS)- Neusoft						√	√	√	√			
Pickup	Tunland (P203)	Urea post-treatment (DCU)							√	√	√	√			
SUV	Legend	Engine	491 gasoline Engine	UMC System	MT97.1				√	√	√	√	√		<p>Action test</p> <ol style="list-style-type: none"> 1. Engine fault indicator 2. Fuel pump relay 3. Air conditioning clutch 4. Vehicle maintenance indicator 5. Disable fuel injection <p>Parameter adjustment</p> <ol style="list-style-type: none"> 1. Carbon canister control valve (%) 2. Delay ignition (°)
SUV	Legend	Engine	491 gasoline Engine	Delphi System	MT20U (old version)						√	√	√	√	<p>Action test</p> <ol style="list-style-type: none"> 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
SUV	Legend	Engine	491 gasoline Engine	Delphi System	MT20U (new version)				√	√	√	√	√		<p>Action test</p> <ol style="list-style-type: none"> 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan
SUV	Legend	Engine	491 gasoline Engine	Delphi System	MT20U2				√	√	√	√	√	√	<p>Action test</p> <ol style="list-style-type: none"> 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
SUV	Legend	Engine	491 gasoline Engine	Delphi System	MT22U				√	√	√	√	√	√	<p>Action test</p> <ol style="list-style-type: none"> 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10. 1# Cylinder breaking test 11. 2# Cylinder breaking test 12. 3# Cylinder breaking test 13. 4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test <p>special function</p> <ol style="list-style-type: none"> 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning

SUV	Legend	Engine	4G64 gasoline Engine	Delphi System	MT2002															<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
SUV	Legend	Engine	4G64 gasoline Engine	Delphi System	MT22U															<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10. 1# Cylinder breaking test 11. 2# Cylinder breaking test 12. 3# Cylinder breaking test 13. 4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
SUV	Legend	Engine	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)																<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
SUV	Legend	Engine	4JB1T diesel Engine	4JB1-TCT/TC1 (country 3)																<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match
SUV	Legend	Engine	4JB1T diesel Engine	Qingling 4JB1_100 P country 4 (Bosch)																<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value

SUV	Legend	Engine	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)						✓	✓	✓	✓			
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55					✓	✓	✓	✓			
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 	
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55					✓	✓	✓	✓			
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63					✓	✓	✓	✓			
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test 	

SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)														<ul style="list-style-type: none"> 1. Read hierarchical data and VDS code Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
SUV	Legend	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1941 EDC17C81 (SCR)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
SUV	Legend	Engine	4JB1T diesel Engine	VE Pump system															<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
SUV	U201	Engine	4G69 gasoline Engine	Delphi MT22. 1. 1															
SUV	U201	Engine	486 Supercharged Engine	UMC M788															<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Delay ignition 9. Supercharged engine electronic water pump 10. Turbocharger valve Advanced Features 1. ECU Power-off reset

SUV	U201	Engine	486 Self-priming Engine	UMC M780					√	√	√	√			
SUV	U201	Engine	Foton Cummins Engine	Cummins Engine					√	√	√	√			
SUV	U201	Engine	G012.0T UMC Engine	MED17.8.2					√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Carbon canister control valve 2. Fuel pump relay 3. D10 fan 1 4. D10 fan 2 5. Throttle opening 6. Exhaust gas turbocharging 7. Pressure relief valve control 8. Water pump control 9. MIL Light control 10. Idle speed control 11. PWM fan 1 special function 1. match / Set up 2. Write VIN code 3. Write programming date 4. Write garage password
SUV	U201	automatic transmission	ZF Transmission						√	√	√	√		√	<ul style="list-style-type: none"> 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
SUV	U201	automatic transmission	ZF Automatic Transmission						√	√	√	√		√	<ul style="list-style-type: none"> special function 1. Reset TCM Self-learning value 2. Hardware reset
SUV	U201	Anti-lock brake	Bosch ABS9						√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. motor 2. Left front solenoid valve (Advance) 3. Right front solenoid valve (Advance) 4. Left rear solenoid valve (Advance) 5. Right rear solenoid valve (Advance) 6. Left front solenoid valve (Out) 7. Right front solenoid valve (Out) 8. Left rear solenoid valve (Out) 9. Right rear solenoid valve (Out) 10. Speed limit disabled 11. Disable relay valve closing
SUV	U201	Anti-lock brake	Bosch ESP9						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Left front input valve 2. Left front output valve 3. Right front inlet valve 4. Right front output valve 5. Left rear input valve 6. Left rear output valve 7. Right rear input valve 8. Right rear output valve 9. Loop control valve 1 10. Loop control valve 2 11. High pressure switch valve 1 12. High pressure switch valve 2 13. Pump motor 14. ABS Indicator light 15. ESP Indicator light 16. EBD Indicator light 17. Speed limit disabled / Enable 18. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust



SUV	U201	Body	Etech BCM														<ul style="list-style-type: none"> Action test 1. Power windows 2. Washing and wiper 3. light 4. Central lock 5. Back door lock 6. Daytime running lights 7. Key light 8. speaker 9. Rearview mirror folding Match settings 1. Set up CAN Configuration information special function 1. Reset body system 2. Key matching 3. Erase key information
SUV	U201	meter	Continental Instrument														<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Engine anti-theft 6. Low oil pressure 7. Brake system failure 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures 13. Vacuum alarm 14. Turn left 15. Passenger seat belt 16. green PEPS 17. Turn right 18. red PEPS 19. 4H 20. 4L 21. AWD
SUV	U201	All-wheel drive	BorgWarner two-speed electric transfer case system														<ul style="list-style-type: none"> special function 1. ECU Reset 2. Vehicle information configuration
SUV	U201	All-wheel drive	BorgWarner two-speed intelligent transfer case system														
SUV	U201	airbag	Jinheng Airbag (new)														<ul style="list-style-type: none"> Action test 1. Airbag warning light 2. The collision output is CAN Output 3. Seat belt reminder special function 1. EOL locking 2. Write VIN code 3. Write production date 4. Write the last repair date 5. Hardware reset
SUV	U201	Tire pressure	Xiamen Tongzhi TPMS														
SUV	U201	Air Conditioning System	Hangzhou Sanhua Air Conditioning System														<ul style="list-style-type: none"> Action test 1. Diesel engine warm-up indicator reset
SUV	U201	Anti-theft system	China Anti-theft														<ul style="list-style-type: none"> special function 1. Change key 2. Reset ECM 3. Reset IMMO 4. replace ECM 5. replace IMMO 6. enter PIN code
SUV	U201	Anti-theft system	China Anti-theft - D01 2. OTGDI														<ul style="list-style-type: none"> special function 1. Change key 2. Reset ECM 3. enter PIN code

SUV	U201	One-key start control system	Changhui PEPS						✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Activate the buzzer 2. Activate the driving side door handle antenna 3. Activate the front passenger side door handle antenna 4. Activate the first antenna in the car 5. Activate the second antenna in the car 6. Activate the third antenna in the car 7. Activate the rear bumper antenna 8. ECU Reset
Bus	MP-X Monpike	Engine	486 gasoline Engine	UMC System M780					✓	✓	✓	✓		
Bus	MP-X Monpike	Engine	4663 gasoline Engine	Delphi System	MT20U2				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
Bus	MP-X Monpike	Engine	4663 gasoline Engine	Delphi System	MT22U				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10.1# Cylinder breaking test 11.2# Cylinder breaking test 12.3# Cylinder breaking test 13.4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production/programming date 4. Gear learning
Bus	MP-X Monpike	Engine	4663 gasoline Engine	Delphi System	MT20U(ol d version)					✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
Bus	MP-X Monpike	Engine	4663 gasoline Engine	Delphi System	MT20U(new version)				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan

Bus	MP-X Monpike	Engine	4G64 gasoline Engine	Delphi System	MT2002															<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
Bus	MP-X Monpike	Engine	4G64 gasoline Engine	Delphi System	MT22U															<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10. 1# Cylinder breaking test 11. 2# Cylinder breaking test 12. 3# Cylinder breaking test 13. 4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
Bus	MP-X Monpike	Engine	4G64 gasoline Engine	Delphi System	MT20U (old version)															<ul style="list-style-type: none"> Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
Bus	MP-X Monpike	Engine	4G64 gasoline Engine	Delphi System	MT20U (new version)															<ul style="list-style-type: none"> Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)																<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	4JB1- TCT/TCI (country 3)																<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match

Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Qingling 4JB1_100 P country 4(Bosch)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17- 26E)						✓	✓	✓	✓			
Bus	MP-X Monpike	Engine	4JB1T diesel Engine							✓	✓	✓	✓			
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55					✓	✓	✓	✓			
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 	
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55					✓	✓	✓	✓			
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63					✓	✓	✓	✓			
Bus	MP-X Monpike	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test



Bus	MP-X Monpike	Engine	4K22 National Six Engine	ECM(Engi ne electron ic control module - CAN)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> 1. Read diagnostic status 2. Read monitoring status Action test 1. Fault indicator 2. Fuel pump 3. Low speed fan 4. High-speed fan 5. Air-conditioning compressor 6. Controller power-off logic 7. Carbon canister ventilation valve 8. Close the injector (Broken cylinder) 9. Variable intake manifold 10. Start-stop system EOL Check instruction 11. Carbon canister solenoid valve target duty cycle 12. EGR Target duty cycle 13. Target ignition angle (in advance / put off) 14. Oil level (meter) 15. Tachometer 16. Exhaust side Bank1 Variable cam angle ratio 17. Intake side Bank1 Variable cam angle ratio 18. Exhaust side Bank2 Variable cam angle ratio 19. Intake side Bank2 Variable cam angle ratio
Bus	MP-X Monpike	Engine	1TZ National Six Engine	ECM(Engi ne electron ic control module - CAN)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> 1. Read diagnostic status 2. Read monitoring status Action test 1. Fault indicator 2. Fuel pump 3. Low speed fan 4. High-speed fan 5. Air-conditioning compressor 6. Controller power-off logic 7. Carbon canister ventilation valve 8. Close the injector (Broken cylinder) 9. Variable intake manifold 10. Start-stop system EOL Check instruction 11. Carbon canister solenoid valve target duty cycle 12. EGR Target duty cycle 13. Target ignition angle (in advance / put off) 14. Oil level (meter) 15. Tachometer 16. Exhaust side Bank1 Variable cam angle ratio 17. Intake side Bank1 Variable cam angle ratio 18. Exhaust side Bank2 Variable cam angle ratio 19. Intake side Bank2 Variable cam angle ratio
Bus	MP-X Monpike	Anti-lock brake	SABS_MK2 0						✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Pump motor 2. Valve coil 3. Rear left normally closed valve 4. Rear left normally open valve 5. Rear right normally closed valve 6. Rear right normally open valve 7. Front left normally closed valve 8. Front left normally open valve 9. Front right normally closed valve 10. Front right normally open valve
Bus	MP-X Monpike	Anti-lock brake	SABS_MK6 0						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Valve control test 2. Pump control test special function 1. Hydraulic control unit diagnosis 2. Exhaust gas filling test 3. Coding function
Bus	MP-X Monpike	Anti-lock brake	Asia Pacific ABS_VER2						✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Pump motor 2. Valve coil 3. Rear left normally closed valve 4. Rear left normally open valve 5. Rear right normally closed valve 6. Rear right normally open valve 7. Front left normally closed valve 8. Front left normally open valve 9. Front right normally closed valve 10. Front right normally open valve

Bus	MP-X Monpike	Anti- lock brake	YuanFeng ABS(CAN line)														<ul style="list-style-type: none"> Action test 1. Pump motor 2. Left forward liquid valve 3. Left front outlet valve 4. Right forward liquid valve 5. Right front outlet valve 6. Left rear inlet valve 7. Left rear outlet valve 8. Right rear inlet valve 9. Right rear outlet valve 10. ABS Indicator light 11. ESP Indicator light 12. EBD Indicator light 13. Speed limit disabled / Enable 14. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust 3. Wheel speed sensor test 4. data input 5. Software reset
Bus	MP-X Monpike	airbag	Jiu Le SRS														
Bus	landscap e	Engine	486 Engine	UMC M780													
Bus	landscap e	Engine	491 gasoline Engine	UMC System	M797.1												<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Fuel pump relay 3. Air conditioning clutch 4. Vehicle maintenance indicator 5. Disable fuel injection Parameter adjustment 1. Carbon canister control valve (%) 2. Delay ignition (°)
Bus	landscap e	Engine	491 gasoline Engine	Delphi System	MT20U(ol d version)												<ul style="list-style-type: none"> Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
Bus	landscap e	Engine	491 gasoline Engine	Delphi System	MT20U(ne w version)												<ul style="list-style-type: none"> Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan
Bus	landscap e	Engine	491 gasoline Engine	Delphi System	MT20U2												<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function

Bus	landscap e	Engine	491 gasoline Engine	Delphi System	MT20U2 CNG system				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
Bus	landscap e	Engine	491 gasoline Engine	Delphi System	MT22U				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10.1# Cylinder breaking test 11.2# Cylinder breaking test 12.3# Cylinder breaking test 13.4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
Bus	landscap e	Engine	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
Bus	landscap e	Engine	4JB1T diesel Engine	4JB1- TCT/TC1 (country 3)					✓	✓	✓	✓			<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match
Bus	landscap e	Engine	4JB1T diesel Engine	Qingling 4JB1_100 P country 4(Bosch)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value

Bus	landscap e	Engine	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17- 26E)					✓	✓	✓	✓				
Bus	landscap e	Engine	4JB1T diesel Engine					✓	✓	✓	✓					
Bus	landscap e	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39				✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Bus	landscap e	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55				✓	✓	✓	✓				
Bus	landscap e	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421				✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 	
Bus	landscap e	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55				✓	✓	✓	✓				
Bus	landscap e	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63				✓	✓	✓	✓				
Bus	landscap e	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test 	

Bus	K1/V1	Engine	486 Supercharged Engine	UMC M788						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Carbon canister control valve 3. Fuel pump relay 4. Cooling fan relay #1 5. Cooling fan relay #2 6. Air conditioning clutch 7. Vehicle maintenance indicator 8. Delay ignition 9. Supercharged engine electronic water pump 10. Turbocharger valve Advanced Features 1. ECU Power-off reset
Bus	K1/V1	Engine	486 Self-priming Engine	UMC M780						✓	✓	✓	✓			
Bus	K1/V1	Engine	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
Bus	K1/V1	Engine	4JB1T diesel Engine	4JB1-TCT/TC1 (country 3)						✓	✓	✓	✓			<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match
Bus	K1/V1	Engine	4JB1T diesel Engine	Qingling 4JB1_100p country 4 (Bosch)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)						✓	✓	✓	✓			
Bus	K1/V1	Engine	4JB1T diesel Engine							✓	✓	✓	✓			

Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39												<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55												
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421												<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55												
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63												
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)												<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)												<ul style="list-style-type: none"> 1. Read hierarchical data and VDS code Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test

Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)													<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
Bus	K1/V1	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1941 EDC17C81 (SCR)													<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
Bus	K1/V1	Engine	4JB1T diesel Engine	VE Pump system														<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Bus	K1/V1	Engine	Foton Cummins Engine	Cummins Engine														
Bus	K1/V1	Engine	4K22 National Six Engine	ECM (Engine electronic control module - CAN)														<ul style="list-style-type: none"> 1. Read diagnostic status 2. Read monitoring status Action test 1. Fault indicator 2. Fuel pump 3. Low speed fan 4. High-speed fan 5. Air-conditioning compressor 6. Controller power-off logic 7. Carbon canister ventilation valve 8. Close the injector (Broken cylinder) 9. Variable intake manifold 10. Start-stop system EOL Check instruction 11. Carbon canister solenoid valve target duty cycle 12. EGR Target duty cycle 13. Target ignition angle (in advance / put off) 14. Oil level (meter) 15. Tachometer 16. Exhaust side Bank1 Variable cam angle ratio 17. Intake side Bank1 Variable cam angle ratio 18. Exhaust side Bank2 Variable cam angle ratio 19. Intake side Bank2 Variable cam angle ratio

Bus	K1/V1	Engine	3TZ Engine	ECM													<ul style="list-style-type: none"> 1. Read diagnostic status 2. Read monitoring status Action test <ul style="list-style-type: none"> 1. Fault indicator 2. Fuel pump 3. Low speed fan 4. High-speed fan 5. Air-conditioning compressor 6. Controller shutdown logic 7. Canister vent 8. Variable inlet 9. Injector broken cylinder 10. Carbon canister purification 11. EGR 12. Tachometer 13. Ignition advance or retard 14. Fuel filling position display 15. ETC engine 16. Oxygen heating device 17. Oxygen heating device 18. Camshaft phase intake 19. Camshaft phase oil suction device control valve 	
Bus	K1/V1	airbag	Jinheng Airbag															
Bus	K1/V1	airbag	Continental Jinheng SRS															Action test <ul style="list-style-type: none"> 1. Airbag warning light 2. PADL light 3. Activate collision CAN Output 4. Activate collision HW Output 5. Seat belt warning device match / Set up 1. ECU Reset 2. Configuration information
Bus	K1/V1	Anti-lock brake	Bosch ABS9.0 (K line)															Action test <ul style="list-style-type: none"> 1. motor 2. Left front solenoid valve (Advance) 3. Right front solenoid valve (Advance) 4. Left rear solenoid valve (Advance) 5. Right rear solenoid valve (Advance) 6. Left front solenoid valve (Out) 7. Right front solenoid valve (Out) 8. Left rear solenoid valve (Out) 9. Right rear solenoid valve (Out) 10. Speed limit disabled 11. Disable relay valve closing
Bus	K1/V1	Anti-lock brake	Yuanfeng ABS (K line)															Action test <ul style="list-style-type: none"> 1. Individual control of the motor 2. Separate control of the left front valve booster valve 3. Separately control the right front valve booster valve 4. Separately control the left rear valve booster valve 5. Separately control the right rear valve booster valve 6. Separately control the left front valve pressure reducing valve 7. Separately control the right front valve pressure reducing valve 8. Separately control the left rear valve pressure reducing valve 9. Separately control the right rear valve pressure reducing valve 10. Speed limit is invalid 11. Shut-off valve relay shut-off function special function <ul style="list-style-type: none"> 1. Maintenance exhaust
Bus	K1/V1	Anti-lock brake	Yuanfeng ABS (CAN line)															Action test <ul style="list-style-type: none"> 1. Pump motor 2. Left forward liquid valve 3. Left front outlet valve 4. Right forward liquid valve 5. Right front outlet valve 6. Left rear inlet valve 7. Left rear outlet valve 8. Right rear inlet valve 9. Right rear outlet valve 10. ABS Indicator light 11. ESP Indicator light 12. EBD Indicator light 13. Speed limit disabled / Enable 14. Disable relay valve closing special function special function <ul style="list-style-type: none"> 1. ABS test 2. Artificial exhaust 3. Wheel speed sensor test 4. data input 5. Software reset

Bus	K1/V1	Anti-lock brake	Bosch ABS9							√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Left forward oil valve 2. Left front delivery valve 3. Right forward oil valve 4. Right front delivery valve 5. Left rear oil inlet valve 6. Left rear delivery valve 7. Right rear oil inlet valve 8. Right rear delivery valve 9. Pump motor 10. ABS Indicator light 11. EBD Indicator light
Bus	K1/V1	Anti-lock brake	Yuanfeng ESP							√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Pump motor 2. Left forward liquid valve 3. Left front outlet valve 4. Right forward liquid valve 5. Right front outlet valve 6. Left rear inlet valve 7. Left rear outlet valve 8. Right rear inlet valve 9. Right rear outlet valve 10. USV1 11. USV2 12. HSV1 13. HSV2 14. ABS Indicator light 15. ESP Indicator light 16. EBD Indicator light 17. Speed limit disabled / Enable 18. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust
Bus	K1/V1	Tire pressure control system								√	√	√	√		√	<ul style="list-style-type: none"> special function 1. Cold tire nominal learning value 2. Set high temperature alarm value 3. Tire Code (Trigger or pressure relief) 4. Tire Code 5. Delete all sensors ID 6. Write VIN 7. Model configuration
Bus	K1/V1	meter	Combination instrument 1							√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures (SVS) 13. Vacuum alarm 14. Turn left 15. Turn right 16. cruise 17. Front fog lights 18. High beam 19. Rear fog lamps 20. Engine warm up 21. ESP open (ESP jobs / malfunction)
Bus	K1/V1	meter	Combination instrument 2							√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. ABS malfunction 4. Engine anti-theft 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine shutdown 10. Driver's seat belt 11. Turn left 12. Turn right 13. cruise 14. Front fog lights 15. High beam 16. Rear fog lamps 17. Engine warm up 18. ESP open (ESP jobs / malfunction) 19. ESP turn off 20. High exhaust temperature lamp 21. DPF light

Bus	K1/V1	Body system	Etech BCM_version 1						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Power windows 2. Washing and wiper 3. Central lock 4. light Match settings / Set up 1. Set up CAN Configuration information special function 1. Body reset 2. Key matching 3. Activate anti-theft speaker 4. Clear key information
Bus	K1/V1	Body system	Etech BCM_version 2						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Power windows 2. Washing and wiper 3. light 4. Central lock 5. Back door lock 6. Daytime running lights 7. Key light 8. speaker 9. Rearview mirror folding Match settings 1. Set up CAN Configuration information special function 1. Reset body system 2. Key matching 3. Erase key information
Bus	K1/V1	Body system	Etech BCM_version 3						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left turn signal 2. Right turn signal 3. Small lights 4. Low beam lights 5. High beam 6. Front fog lights 7. Rear fog lamps 8. dome light 9. Safety indicator 10. Warning light 11. Front wiper (high speed) 12. Rear wiper 13. Front scrubber 14. After scrubber 15. Front wiper (Low speed) 16. Left front window 17. Right front window 18. Central lock 19. speaker 20. Foot light 21. Daytime running lights
Bus	Gato V	Engine	4W12 Engine	Delphi System MT22.1					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Fuel pump 3. Low speed fan 4. High speed fan 5. Air conditioning clutch 6. IAC Reset 7. Tooth information learning 8. Close the injector 9. BLM Learn 10. Fuel open loop 11. BLM Reset 12. Idle catalyst monitoring 13. Oxygen sensor response 14. Canister Purification Valve 15. IAC Controlled by step size 16. IAC Controlled by speed 17. Ignition advance angle special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Program flashing date
Bus	Gato V	Engine	4W12 Engine	Wuhan Ryoden 1					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Bus	Gato V	Engine	4W12 Engine	Wuhan Ryoden 2 (Gas machine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code

Bus	Gato V	Engine	Liu Ji 469 gasoline Engine	Suntech EMS						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Main relay 2. Oil pump relay 3. cooling fan 1 switch 4. cooling fan 2 switch 5. Fault light 6. Evaporator purification valve 7. EGR Duty cycle valve 8. Idle speed actuator stepper motor 9. First 1 Cylinder injector 10. First 2 Cylinder injector 11. First 3 Cylinder injector 12. First 4 Cylinder injector special function 1. Reset adaptive value 2. Application correction 3. data input
Bus	Gato V	Engine	Liu Ji 469 gasoline Engine	Wuhan Ryoden 1						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Bus	Gato V	Engine	Liu Ji 469 gasoline Engine	Wuhan Ryoden 2(Gas machine)						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Bus	Gato V	Engine	Liu Ji 465	Delphi System	Delphi MT22. 1. 1					✓	✓	✓	✓			
Bus	Gato V	Engine	Liu Ji 465	Delphi System	MT22. 1. 1					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioner compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10. Break 1# Cylinder 11. Break 2# Cylinder 12. Break 3# Cylinder 13. Break 4# Cylinder 14. Ignition advance 15. Ignition delay 16. Tooth news (TEC) Learn 17. Air efficiency correction (BLM) Learn 18. Air efficiency correction (BLM) Reset 19. Idle catalytic converter monitoring test special function 1. Flash VIN code
Bus	Gato V	Engine	Liu Ji 465	Wuhan Ryoden 1						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Bus	Gato V	Engine	Liu Ji 465	Wuhan Ryoden 2(Gas machine)						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Bus	Gato V	Engine	mainland U2	mainland EASY_U 2.0						✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Cooling fan relay high 2. Cooling fan relay low 3. Air conditioner compressor relay 4. Canister purge solenoid valve 5. Fuel pump relay 6. GSL cylinder 1 Intake closed 7. GSL cylinder 2 Intake closed 8. GSL cylinder 3 Intake closed 9. GSL cylinder 4 Intake closed 10. Upstream oxygen sensor heating 11. Downstream oxygen sensor heating 12. Throttle position 13. Wastegate control valve 14. cylinder 1 ignition 15. cylinder 2 ignition 16. cylinder 3 ignition 17. cylinder 4 ignition 18. IWVT Intake solenoid valve 19. IWVT Outlet spiral coil solenoid valve 20. Variable intake manifold switching valve 21. Internal circulation motor

Bus	Gato V	Braking System ABS	Jingxi Heavy Industry ABS7.8							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Solenoid valve open / Off control 2. Motor pump control 3. Pulse width modulation control of solenoid valve 4. ABS Warning light control 5. Red warning light control 6. System solenoid valve control 7. Left front oil supply solenoid valve control 8. Left front pressure relief solenoid valve control 9. Right front oil supply solenoid valve control 10. Right front pressure relief solenoid valve control 11. Left rear oil supply solenoid valve control 12. Left rear pressure relief solenoid valve control 13. Right rear oil supply solenoid valve control 14. Right rear pressure relief solenoid valve control special function 1. Artificial exhaust
Bus	Gato V	Electronic power steering	Xinxiang Yubei ECU03							✓	✓	✓	✓			
Bus	Gato V	Electronic power steering	Yubei EPS							✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Hardware reset 2. Fast key reset 3. Software reset 4. Write VIN 5. Neutral calibration of steering angle 6. Steering angle neutral position clear
Bus	Gato V	airbag	Taihang Evergreen AB1.0							✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN 2. Read and write vehicle production date 3. Last read and write ECU Overhaul date 4. Software reset
Bus	Gato V	One-key start control system	Guowei PEPS							✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Left front door antenna 2. Right front door antenna 3. Dashboard antenna 4. Sub-dashboard antenna 5. Spare tire rear antenna 6. Rear seat rear antenna 7. Rear bumper antenna 8. speaker 9. ON Indicator 10. ACC Indicator 11. Background indicator 12. ACC Relay 13. IGN1 Relay 14. IGN2 Relay
Bus	Gato IX	Engine	mainland DAM1.5							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. High speed fan 2. Low speed fan 3. Air Conditioning Relay 4. Carbon canister purification solenoid valve 5. Fuel pump relay 6.1 Cylinder fuel prohibited 7.2 Cylinder fuel prohibited 8.3 Cylinder fuel prohibited 9.4 Cylinder fuel prohibited 10. Upstream oxygen sensor heating 11. Downstream oxygen sensor heating 12. Throttle position 13. Wastegate 14. VVT Intake solenoid valve 15. VVT Exhaust solenoid valve 16. Variable intake manifold switch 17. Circulation damper 18. Idle speed control 19. EGR Set value 20. EGR command 21. Main relay



Bus	Gato IX	Anti-lock brake	Jingxi Heavy Industry ABS7.8							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Solenoid valve open / Off control 2. Motor pump control 3. Pulse width modulation control of solenoid valve 4. ABS Warning light control 5. Red warning light control 6. System solenoid valve control 7. Left front oil supply solenoid valve control 8. Left front pressure relief solenoid valve control 9. Right front oil supply solenoid valve control 10. Right front pressure relief solenoid valve control 11. Left rear oil supply solenoid valve control 12. Left rear pressure relief solenoid valve control 13. Right rear oil supply solenoid valve control 14. Right rear pressure relief solenoid valve control special function 1. Artificial exhaust
Bus	Gato IX	airbag	Taihang Evergreen ABI.0							✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN 2. Read and write vehicle production date 3. Last read and write ECU Overhaul date 4. Software reset
Bus	Gato IX	Instrument system	Tianyouwei Instrument													<ul style="list-style-type: none"> Instrument configuration [By function] 1. Cruise control 2. ECU factory 3. Engine type 4. drive 5. Tire pressure monitoring 6. ABS/ESC 7. Gearbox type 8. left / Right rudder 9. airbag 10. EPS 11. Tire size 12. Rain light sensor 13. PEPS 14. Reversing radar 15. Chinese and English display 16. Copilot Gravity Sensor 17. 120Km/h Speed alarm 18. Skylight 19. Four-door anti-pinch 20. Headlight cleaning 21. Front fog lights
Bus	Gato IX	Electronic power steering	Xinxiang Yubei ECU03							✓	✓	✓	✓			
Bus	Gato IX	One-key start control system	Guowei PEPS							✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Left front door antenna 2. Right front door antenna 3. Dashboard antenna 4. Sub-dashboard antenna 5. Spare tire rear antenna 6. Rear seat rear antenna 7. Rear bumper antenna 8. speaker 9. ON Indicator 10. ACC Indicator 11. Background indicator 12. ACC Relay 13. IGNI Relay 14. IGN2 Relay
Bus	Gato IM	Engine	G02 1.5							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Carbon canister control valve 2. Fuel pump relay 3. DIO fan 1 4. DIO fan 2 5. Throttle opening 6. Exhaust gas turbocharging 7. Pressure relief valve control 8. Water pump control 9. MIL Light control 10. Idle speed control 11. PWM fan 1 12. Air conditioning compressor conditions 13. Replica solenoid valve 14. Oil pump controller special function 1. Hardware reset 2. Write VIN 3. Write model information and parameter configuration

Bus	Gato IM	Engine	mainland DAM1.5						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. High speed fan 2. Low speed fan 3. Air Conditioning Relay 4. Carbon canister purification solenoid valve 5. Fuel pump relay 6.1 Cylinder fuel prohibited 7.2 Cylinder fuel prohibited 8.3 Cylinder fuel prohibited 9.4 Cylinder fuel prohibited 10. Upstream oxygen sensor heating 11. Downstream oxygen sensor heating 12. Throttle position 13. Wastegate 14.VVT Intake solenoid valve 15.VVT Exhaust solenoid valve 16. Variable intake manifold switch 17. Circulation damper 18. Idle speed control 19. EGR Set value 20. EGR command 21. Main relay
Bus	Gato IM	Engine	G02 1.4T						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Carbon canister control valve 2. Fuel pump relay 3.DIO fan 1 4.DIO fan 2 5. Throttle opening 6. Exhaust gas turbocharging 7. Pressure relief valve control 8. Water pump control 9.MIL Light control 10. Idle speed control 11. PWM fan 1 12. Air conditioning compressor conditions 13. Replica solenoid valve 14. Oil pump controller special function 1. Hardware reset 2. Write VIN 3. Write model information and parameter configuration
Bus	Gato IM	Anti-lock brake	Jingxi Heavy Industry ESC/ABS						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Right rear solenoid valve decompression 2. Right rear solenoid valve boost 3. Left rear solenoid valve pressure reduction 4. Left rear solenoid valve boost 5. Right front solenoid valve pressure reduction 6. Right front solenoid valve boost 7. Left front solenoid valve pressure reduction 8. Left front solenoid valve boost 9. Pump motor 10. System relay special function 1. Hardware reset 2. Switch key reset 3. Software reset
Bus	Gato IM	Electronic power steering	Yubei EPS						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Hardware reset 2. Fast key reset 3. Software reset 4. Write VIN 5. Neutral calibration of steering angle 6. Steering angle neutral position clear
Bus	Gato IM	Electronic parking system	LBN Electronic parking						✓	✓	✓	✓			
Bus	Gato IM	Body control system	East China Steam Power BCM						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Write VIN 2. Write configuration information

Bus	Gato IM	Instrument system	Tianyouwei Instrument																Instrument configuration [By function] 1. Cruise control 2. ECU factory 3. Engine type 4. drive 5. Tire pressure monitoring 6. ABS/ESC 7. Gearbox type 8. left / Right rudder 9. airbag 10. EPS 11. Tire size 12. Rain light sensor 13. PEPS 14. Reversing radar 15. Chinese and English display 16. Copilot Gravity Sensor 17. 120Km/h Speed alarm 18. Skylight 19. Four-door anti-pinch 20. Headlight cleaning 21. Front fog lights
Bus	Gato IM	One-key start control system	Guowei PEPS						✓	✓	✓	✓	✓						Action test 1. Left front door antenna 2. Right front door antenna 3. Dashboard antenna 4. Sub-dashboard antenna 5. Spare tire rear antenna 6. Rear seat rear antenna 7. Rear bumper antenna 8. speaker 9. ON Indicator 10. ACC Indicator 11. Background indicator 12. ACC Relay 13. IG1 Relay 14. IG2 Relay
Bus	Gato IM	airbag	Taihang Evergreen AB1.0						✓	✓	✓	✓						✓	special function 1. Read and write VIN 2. Read and write vehicle production date 3. Last read and write ECU Overhaul date 4. Software reset
Bus	Gato IM	Automatic Transmission	Aisin 6AT						✓	✓	✓	✓	✓	✓					Action test 1. Shift solenoid valve S1 2. Shift solenoid valve S2 3. C1 Solenoid valve current 4. C2 Solenoid valve current 5. C3 Solenoid valve current 6. B1 Solenoid valve current 7. Pressure battery valve current 8. Locking solenoid valve current 9. electronic MOP special function 1. Read and write VIN code
Bus	Toano	Engine	Cummins Engine						✓	✓	✓	✓							
Bus	Toano	Engine	G012.0T UMC Engine	MED17.8.2					✓	✓	✓	✓	✓	✓					Action test 1. Carbon canister control valve 2. Fuel pump relay 3. DIO fan 1 4. DIO fan 2 5. Throttle opening 6. Exhaust gas turbocharging 7. Pressure relief valve control 8. Water pump control 9. MIL Light control 10. Idle speed control 11. PWM fan 1 special function 1. match / Set up 2. Write VIN code 3. Write programming date 4. Write garage password

Bus	Toano	Engine	4JB1T Engine Bosch diesel common rail system	EDC16C39														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Bus	Toano	Engine	4JB1T Engine Bosch diesel common rail system	EDC17C55														
Bus	Toano	Engine	4JB1T Engine Bosch diesel common rail system	EDC17C55 V421														<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing
Bus	Toano	Engine	4JB1T Engine Bosch diesel common rail system	Foton P978 EDC17C55														
Bus	Toano	Engine	4JB1T Engine Bosch diesel common rail system	Foton P1257 EDC17C63														
Bus	Toano	Engine	4JB1T Engine Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test

Bus	Toano	Engine	Yunnei Engine	Bosch Diesel MD1CE108 (National Six)						✓	✓	✓	✓	✓	✓	<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 pipe 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
Bus	Toano	Anti-lock brake	Bosch ABS9(K)							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. motor 2. Left front solenoid valve (Advance) 3. Right front solenoid valve (Advance) 4. Left rear solenoid valve (Advance) 5. Right rear solenoid valve (Advance) 6. Left front solenoid valve (Out) 7. Right front solenoid valve (Out) 8. Left rear solenoid valve (Out) 9. Right rear solenoid valve (Out) 10. Speed limit disabled 11. Disable relay valve closing 	
Bus	Toano	Anti-lock brake	Bosch ABS9 (CAN)							✓	✓	✓	✓			
Bus	Toano	Anti-lock brake	Yuanfeng ABS (K)							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Individual control of the motor 2. Separate control of the left front valve booster valve 3. Separately control the right front valve booster valve 4. Separately control the left rear valve booster valve 5. Separately control the right rear valve booster valve 6. Separately control the left front valve pressure reducing valve 7. Separately control the right front valve pressure reducing valve 8. Separately control the left rear valve pressure reducing valve 9. Separately control the right rear valve pressure reducing valve 10. Speed limit is invalid 11. Shut-off valve relay shut-off function special function 1. Maintenance exhaust
Bus	Toano	Anti-lock brake	Yuanfeng ABS (CAN)							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pump motor 2. Left forward liquid valve 3. Left front outlet valve 4. Right forward liquid valve 5. Right front outlet valve 6. Left rear inlet valve 7. Left rear outlet valve 8. Right rear inlet valve 9. Right rear outlet valve 10. USV1 11. USV2 12. HSV1 13. HSV2 14. ABS Indicator light 15. ESP Indicator light 16. EBD Indicator light 17. Speed limit disabled / Enable 18. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust

Bus	Toano	Anti-lock brake	Yuanfeng ESP						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pump motor 2. Left forward liquid valve 3. Left front outlet valve 4. Right forward liquid valve 5. Right front outlet valve 6. Left rear inlet valve 7. Left rear outlet valve 8. Right rear inlet valve 9. Right rear outlet valve 10. USV1 11. USV2 12. HSV1 13. HSV2 14. ABS Indicator light 15. ESP Indicator light 16. EBD Indicator light 17. Speed limit disabled / Enable 18. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust
Bus	Toano	Electronic power steering	Yubei EPS						✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Hardware reset 2. Fast key reset 3. Software reset 4. Write VIN 5. Neutral calibration of steering angle 6. Steering angle neutral position clear
Bus	Toano	One-key start control system	Guowei PEPS						✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Left front door antenna 2. Right front door antenna 3. Dashboard antenna 4. Sub-dashboard antenna 5. Spare tire rear antenna 6. Rear seat rear antenna 7. Rear bumper antenna 8. speaker 9. ON Indicator 10. ACC Indicator 11. Background indicator 12. ACC Relay 13. IG1 Relay 14. IG2 Relay
Bus	Toano	airbag	Continental Jinheng Airbag						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Airbag warning light 2. Passenger side airbag indicator 3. Seat belt warning device 4. Passenger side airbag activation indicator 5. ECU Reset special function 1. VIN Flash 2. Write the last repair date
Bus	Toano	meter	Combination instrument						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. ABS malfunction 4. Engine anti-theft 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine shutdown 10. Driver's seat belt 11. Turn left 12. Turn right 13. cruise 14. Front fog lights 15. High beam 16. Rear fog lamps 17. Engine warm up 18. ESP open (ESP jobs / malfunction) 19. ESP turn off 20. High exhaust temperature lamp 21. DPF light

Bus	Toano	Body system	Etech BCM												Action test 1. Left turn signal 2. Right turn signal 3. Small lights 4. Low beam lights 5. High beam 6. Front fog lights 7. Rear fog lamps 8. dome light 9. Safety indicator 10. Warning light 11. Front wiper (high speed) 12. Rear wiper 13. Front scrubber 14. After scrubber 15. Front wiper (Low speed) 16. Left front window 17. Right front window 18. Central lock 19. speaker 20. Foot light 21. Daytime running lights
Bus	Toano	Anti-theft system	China Anti-theft												special function 1. Change key 2. Reset ECM 3. Reset IMMO 4. replace ECM 5. replace IMMO 6. enter PIN code
Bus	Toano	Tire pressure system	Tire pressure control system												special function 1. Cold tire nominal learning value 2. Set high temperature alarm value 3. Tire Code (Trigger or pressure relief) 4. Tire Code 5. Delete all sensors ID 6. Write VIN 7. Model configuration
Bus	Toano	All-wheel drive	BorgWarner two-speed electric transfer case system												special function 1. ECU Reset 2. Vehicle information configuration
Bus	Toano	All-wheel drive	BorgWarner two-speed intelligent transfer case system												
Bus	Toano	vehicle terminal TBOX	TBOX												
Bus	Toano	ADAS system													
Bus	Landscap e New Energy - 2017	landscap e V5 Electric car VCU(16 Bit)													Action test 1. Refrigeration approval 2. Heating approval 3. Low speed fan enable 4. High speed fan enable 5. Cooling water pump enable 6. Vacuum pump enable
Bus	Landscap e New Energy - 2017	VCU Vehicle controller (32 Bit)													
Bus	Landscap e New Energy - 2017	MCU Motor Controller													special function 1. Clear the initial angle of the front drive motor rotor 2. Write the initial angle of the front drive motor rotor 3. Read and write VIN code 4. Write supplier code
Bus	Landscap e New Energy - 2017	BMS Battery Management System													special function 1. Read and write VIN code
Bus	Landscap e New Energy - 2017	OBC Car charger													
Bus	Landscap e New Energy - 2018	VCU Vehicle controller													special function 1. SAS(Steering wheel angle sensor) Calibration

Bus	Landscape New Energy - 2018	BMS Battery Management System								✓	✓	✓	✓			
Bus	K1- new energy 2018	VCU Vehicle controller								✓	✓	✓	✓		✓	special function 1. SAS (Steering wheel angle sensor) Calibration
Bus	Toano new energy 2018	VCU Vehicle controller 1								✓	✓	✓	✓		✓	special function 1. SAS (Steering wheel angle sensor) Calibration
Bus	Toano new energy 2018	VCU Vehicle controller 2								✓	✓	✓	✓	✓		Action test 1. Motor enable 2. DCDC Hard wire enable 3. Refrigeration approval 4. Heating approval 5. Low speed fan enable 6. High speed fan enable 7. Cooling water pump enable 8. Cooling water pump enable 9. Cooling water pump enable 10. Vacuum pump enable
Bus	Toano new energy 2017	VCU Vehicle controller (32 Bit)								✓	✓	✓	✓			
Bus	Toano new energy 2017	MCU Motor Controller								✓	✓	✓	✓		✓	special function 1. Clear the initial angle of the front drive motor rotor 2. Write the initial angle of the front drive motor rotor 3. Read and write VIN code 4. Write supplier code
Bus	Toano new energy 2017	BMS Battery Management System								✓	✓	✓	✓		✓	special function 1. Read and write VIN code
Bus	Toano new energy 2017	OBC Car charger								✓	✓	✓	✓			
Bus	Toano new energy 2017	DCDC DC converter								✓	✓	✓	✓			
Light truck	Aumask	Engine	491 gasoline Engine	UMC System M797.1						✓	✓	✓	✓	✓		Action test 1. Engine fault indicator 2. Fuel pump relay 3. Air conditioning clutch 4. Vehicle maintenance indicator 5. Disable fuel injection Parameter adjustment 1. Carbon canister control valve (%) 2. Delay ignition (°)
Light truck	Aumask	Engine	491 gasoline Engine	Delphi System	MT20U (old version)						✓	✓	✓	✓		Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
Light truck	Aumask	Engine	491 gasoline Engine	Delphi System	MT20U (new version)					✓	✓	✓	✓	✓		Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan

Light truck	Aumask	Engine	491 gasoline Engine	Delphi System	MT2002										<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
Light truck	Aumask	Engine	491 gasoline Engine	Delphi System	MT22U										<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10. 1# Cylinder breaking test 11. 2# Cylinder breaking test 12. 3# Cylinder breaking test 13. 4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
Light truck	Aumask	Engine	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)											<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
Light truck	Aumask	Engine	4JB1T diesel Engine	4JB1-TCT/TC1 (country 3)											<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match
Light truck	Aumask	Engine	4JB1T diesel Engine	Qingling 4JB1_100 P country 4(Bosch)											<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value

Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)						✓	✓	✓	✓				
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch EDC16C39 System self-identification (Beta)						✓	✓	✓	✓				
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39					✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55					✓	✓	✓	✓				
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421					✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 	
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55					✓	✓	✓	✓				
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63					✓	✓	✓	✓				
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test 	

Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)														<ul style="list-style-type: none"> 1. Read hierarchical data and VDS code Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
Light truck	Aumask	Engine	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1941 EDC17C81 (SCR)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
Light truck	Aumask	Engine	4JB1T diesel Engine	VE Pump system															<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Light truck	Aumask	Engine	Foton Cummins Engine	Cummins Engine															
Light truck	Aumask	Engine	Yunnei Engine	Bosch EDC17CV5 4 system	Yunnei P1187 EDC17CV5 4(K)														
Light truck	Aumask	Engine	Yunnei Engine	Bosch EDC17CV5 4 system	Yunnei P1187 EDC17CV5 4(CAN)														
Light truck	Aumask	Engine	Yunnei Engine	Henghe post-processing															<ul style="list-style-type: none"> function test 1. Start the urea metering pump status scan 2. Start single shot test 3. Start the air solenoid valve / Withdrawal control valve 4. Start the solenoid valve

Light truck	Aumask	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC16UC40(Country Three)	Static data diagnosis			✓	✓	✓	✓						<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Aumask	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC16UC40(Country Three)	Dynamic data diagnosis			✓				✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Aumask	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 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 18. AdBlue4/2 Access valve 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
Light truck	Aumask	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 With urea (CAN)		✓	✓	✓	✓						
Light truck	Aumask	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1064 EDC17CV54 band EGR	Revo P1064 EDC17CV54 band EGR (K)		✓	✓	✓	✓	✓	✓	✓			<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	Aumask	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1064 EDC17CV54 band EGR	Revo P1064 EDC17CV54 band EGR (CAN)		✓	✓	✓	✓						
Light truck	Aumask	Engine	Perkins Engine	Nanyue Unit Pump	Nanyue Unit Pump R01 Four cylinder				✓	✓	✓	✓		✓			<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	
Light truck	Aumask	Engine	Perkins Engine	Nanyue Unit Pump	Nanyue Unit Pump R01 Six cylinder				✓	✓	✓	✓		✓			<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	

Light truck	Aumask	Engine	Perkins Engine	Nanyue Unit Pump	Nanyue Pump R02 Four cylinder hall sensor													special function 1. Cylinder breaking test 2. Idle speed adjustment
Light truck	Aumask	Engine	Perkins Engine	Nanyue Unit Pump	Nanyue Pump R03				√	√	√	√						
Light truck	Aumask	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (J1939)				√	√	√	√						
Light truck	Aumask	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (Perkins) (RS232)				√	√	√	√						
Light truck	Aumask	Engine	Perkins Engine	Creative master CNG system					√	√	√	√						Action test 1. Detection lamp 2. Carbon canister purification 3. Fuel pump 4. Air conditioning clutch 5. Ignition activation test 6. Injector activation test
Light truck	Aumask	Anti-lock brake	Comet ABS (Hydraulic brake 1)						√	√	√	√						Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Model code
Light truck	Aumask	Anti-lock brake	Comet ABS (Hydraulic brake 2)						√	√	√	√						Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Model code
Light truck	Aumask	Anti-lock brake	Comet ABS (Air brake)						√	√	√	√						special function 1. Read and write VIN code
Light truck	Aumask	Anti-lock brake	WABCO Electronic Control System						√	√	√	√						Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Repair station code or tester serial number
Light truck	Aumask	Anti-lock brake	WABCO ABS_K08							√	√	√						Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light
Light truck	Aumask	Anti-lock brake	WABCO ABS_K12						√	√	√	√						Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light special function 1. match / Set up
Light truck	Aumask	Anti-lock brake	WABCO ABS_E						√	√	√	√						Action test 1. ABS Warning light 2. Steering shaft left wheel solenoid valve detection 3. Steering shaft right wheel solenoid valve detection 4. Drive shaft left wheel solenoid valve detection 5. Drive shaft right wheel solenoid valve detection
Light truck	Aumask	Anti-lock brake	WABCO ABS (Sinotruk)						√	√	√	√						Action test 1. ABS Warning light 2. ASR Indicator light 3. Actuation engine interface 4. Actuation solenoid valve 5. Actuating differential valve

Light truck	Aumask	Anti-lock brake	WABCO ABS-E 4S/4M						√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Warning light 2. ASR light 3. Trailer warning light
Light truck	Aumask	Anti-lock brake	WABCO ESC(Export to Turkey)						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. First 1 Shaft right wheel valve 2. First 1 Axis Left Wheel Valve 3. First 2 Axis Left Wheel Valve 4. First 2 Shaft right wheel valve 5. First 3 Axis Left Wheel Valve 6. First 3 Shaft right wheel valve 7. Rear axle differential valve 8. Front axle differential valve 9. Trailer brake valve 10. DBR 11. Warning light 12. ASR light 13. Trailer warning light 14. Auxiliary valve 1 15. Auxiliary valve 2 16. Auxiliary valve 3 17. Auxiliary valve 4 18. Auxiliary valve 5 special function 1. Engine control 2. ATC Prohibit
Light truck	Aumask	Anti-lock brake	Yuanfeng ABS						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Individual control of the motor 2. Separate control of the left front valve booster valve 3. Separately control the right front valve booster valve 4. Separately control the left rear valve booster valve 5. Separately control the right rear valve booster valve 6. Separately control the left front valve pressure reducing valve 7. Separately control the right front valve pressure reducing valve 8. Separately control the left rear valve pressure reducing valve 9. Separately control the right rear valve pressure reducing valve 10. Speed limit is invalid 11. Shut-off valve relay shut-off function special function 1. Maintenance exhaust
Light truck	Aumask	Anti-lock brake	Knorr ABS/ESC						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Outlet valve of solenoid valve on the right side of drive shaft 2. Inlet valve of solenoid valve on the right side of drive shaft 3. Outlet valve of the solenoid valve on the left side of the steering shaft 4. Intake valve of solenoid valve on the left side of steering shaft 5. Outlet valve of the solenoid valve on the right side of the additional shaft 6. Intake valve of the solenoid valve on the right side of the additional shaft 7. Differential 8. Retarder 9. Outlet valve of solenoid valve on the left side of drive shaft 10. Inlet valve of the solenoid valve on the left side of the drive shaft 11. Outlet valve of solenoid valve on the right side of steering shaft 12. Intake valve of the solenoid valve on the right side of the steering shaft
Light truck	Aumask	Anti-lock brake	Dongfeng Technology ABS system (DETC)							√	√	√	√		<ul style="list-style-type: none"> Action test 1. Warning light test 2. ASR Lamp test match / Set up 1. ASR Features
Light truck	Aumask	Anti-lock brake	Asia Pacific ABS system (KWP)						√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Pump motor 2. Left front intake valve 3. Right front intake valve 4. Left rear intake valve 5. Right rear intake valve 6. Front left exhaust valve 7. Right front exhaust valve 8. Left rear exhaust valve 9. Right rear exhaust valve Exhaust function

Light truck	Aumask	Anti-lock brake	Asia Pacific ABS_VER2							✓	✓	✓	✓			Action test 1. Pump motor 2. Valve coil 3. Rear left normally closed valve 4. Rear left normally open valve 5. Rear right normally closed valve 6. Rear right normally open valve 7. Front left normally closed valve 8. Front left normally open valve 9. Front right normally closed valve 10. Front right normally open valve
Light truck	Aumask	Anti-lock brake	Asia Pacific ABS_VER3							✓	✓	✓	✓	✓		Action test
Light truck	Aumask	Anti-lock brake	Asia Pacific Defense ABS (APG) K line							✓	✓	✓	✓			
Light truck	Aumask	Anti-lock brake	Asia Pacific ABS system (BOSCH)							✓	✓	✓	✓			Action test
Light truck	Aumask	meter	Combination instrument							✓	✓	✓	✓	✓	✓	Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Engine anti-theft 6. Low oil pressure 7. Braking system failure 8. Parking brake 9. airbag 10. Engine emission failure 11. Engine shutdown 12. Driver's seat belt 13. Engine non-emission related failure 14. Vacuum alarm 15. Turn left 16. Turn right 17. cruise 18. Front fog lights 19. High beam 20. Rear fog lamps 21. Engine warm up
Light truck	Aumask	meter	Combination instrument (Export to Turkey)							✓			✓	✓	✓	Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures 13. Turn left 14. Turn right 15. cruise 16. Engine warm up 17. Gearbox failure 18. ESP open (ESP jobs / malfunction) 19. Oil-water separation 20. Position light 21. ASR malfunction
Light truck	Ollin	Engine	T3	Wuhan Ryoden 1						✓	✓	✓	✓		✓	special function 1. Read and write VIN code
Light truck	Ollin	Engine	T3	Wuhan Ryoden 2 (Gas machine)						✓	✓	✓	✓		✓	special function 1. Read and write VIN code
Light truck	Ollin	Engine	T3	China Longhui Sunlight Tech EMS						✓	✓	✓	✓	✓	✓	Action test 1. Main relay 2. Oil pump relay 3. cooling fan 1 switch 4. cooling fan 2 switch 5. Fault light 6. Evaporator purification valve 7. EGR Duty cycle value 8. Idle speed actuator stepper motor 9. First 1 Cylinder injector 10. First 2 Cylinder injector 11. First 3 Cylinder injector 12. First 4 Cylinder injector special function 1. Reset adaptive value 2. Application correction 3. data input
Light truck	Ollin	Engine	CTX	Cummins Engine						✓	✓	✓	✓			

Light truck	O11in	Engine	TX	491 Engine	Delphi System	MT20U(ol d version)				✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
Light truck	O11in	Engine	TX	491 Engine	Delphi System	MT20U(ne w version)			✓	✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan
Light truck	O11in	Engine	TX	491 Engine	Delphi System	MT20U2			✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
Light truck	O11in	Engine	TX	491 Engine	Delphi System	MT22U			✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10.1# Cylinder breaking test 11.2# Cylinder breaking test 12.3# Cylinder breaking test 13.4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
Light truck	O11in	Engine	TX	491 Engine	Shanghai Yixiang Dual Fuel System				✓	✓	✓	✓				
Light truck	O11in	Engine	TX	486 Engine	UMC System M780				✓	✓	✓	✓				
Light truck	O11in	Engine	TX	486 Engine	Wuhan Ryoden 1				✓	✓	✓	✓		✓		<ul style="list-style-type: none"> special function 1. Read and write VIN code
Light truck	O11in	Engine	TX	486 Engine	Wuhan Ryoden 2 (Gas machine)				✓	✓	✓	✓		✓		<ul style="list-style-type: none"> special function 1. Read and write VIN code

Light truck	Ollin	Engine	TX	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	4JB1-TC1/TC1 (country 3)				✓	✓	✓	✓			<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Qingling 4JB1_100 P country 4(Bosch)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)				✓	✓	✓	✓			
Light truck	Ollin	Engine	TX	4JB1T diesel Engine					✓	✓	✓	✓			
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55				✓	✓	✓	✓		
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55				✓	✓	✓	✓		

Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63			✓	✓	✓	✓						
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)			✓	✓	✓	✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)			✓	✓	✓	✓	✓	✓	✓			<ul style="list-style-type: none"> 1. Read hierarchical data and VDS code Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)			✓	✓	✓	✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset

Light truck	Ollin	Engine	TX	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1941 EDC17C81 (SCR)			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
Light truck	Ollin	Engine	TX	4JB1T diesel Engine	VE Pump system				✓	✓	✓			<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure 	
Light truck	Ollin	Engine	TX	Revo	Bosch diesel common rail	Bosch Common Rail EDC16UC40(Country Three)	Static data diagnosis		✓	✓	✓		✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve 	
Light truck	Ollin	Engine	TX	Revo	Bosch diesel common rail	Bosch Common Rail EDC16UC40(Country Three)	Dynamic data diagnosis		✓			✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test 	
Light truck	Ollin	Engine	TX	Revo	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 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 18. AdBlue4/2 Access valve 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve 	
Light truck	Ollin	Engine	TX	Revo	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 With urea (CAN)	✓	✓	✓	✓			

Light truck	Ollin	Engine	TX	Revo	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (K)	✓	✓	✓	✓	✓	✓	<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	Ollin	Engine	TX	Revo	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (CAN)	✓	✓	✓	✓			
Light truck	Ollin	Engine	TX	Revo	Nanyue Unit Pump	Nanyue Unit Pump R01 Four cylinder				✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	
Light truck	Ollin	Engine	TX	Revo	Nanyue Unit Pump	Nanyue Unit Pump R01 Six cylinder				✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	
Light truck	Ollin	Engine	TX	Revo	Nanyue Unit Pump	Nanyue Unit Pump R02 Four cylinder hall sensor				✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	
Light truck	Ollin	Engine	TX	Revo	Nanyue Unit Pump	Nanyue Unit Pump R03			✓	✓	✓	✓			
Light truck	Ollin	Engine	TX	Revo	Wit Unit Pump	Wit Unit Pump System (I1939)			✓	✓	✓	✓			
Light truck	Ollin	Engine	TX	Revo	Wit Unit Pump	Wit Unit Pump System (Perkins) (RS232)			✓	✓	✓	✓			
Light truck	Ollin	Engine	TX	Revo	Creative master CNG system				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Detection lamp 2. Carbon canister purification 3. Fuel pump 4. Air conditioning clutch 5. Ignition activation test 6. Injector activation test 	
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	Ochai EDC7UC31 series	Ochai EDC7UC31 (Universal)	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information 	
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	Ochai EDC7UC31 series	Ochai EDC7UC31 (Universal)	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test 	

Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16UC40	Static data diagnosis	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16UC40	Dynamic data diagnosis	✓			✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16C39 (4DC2)		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test function test 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail 4DC-55D		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test special function 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	4JB1 Bosch Common Rail System			✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test Engine test 1. Compression test 2. Accelerated testing 3. high-pressure test
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Three Series	EDC164DE3/4DF3 Bosch Common Rail		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> function test 1. Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test Actuator control 1. Fault light is off 2. Cooling light on 3. Exhaust valve open Modify electronic control system data 1. Vehicle identification modification 2. Engine logo modification 3. Car model modification

Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Four Series	EDC17CV5 4+EGR_Europe IV		✓	✓	✓	✓	✓	✓	<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. Replace rail pressure fixed-point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders special function 1. Clear PRV Valve timeout times 2. Clear PRV Valve timeout 3. Broken cylinder (Jet off) test 4. Engine speed comparison 5. Start fault information test 6. Read and write nozzle data 7. Read and write VIN code
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Four Series	EDC17CV5 4 CAN(Ocha i 4DC2)		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Air conditioning compressor signal 2. Boost pressure actuator test 3. EGR Actuator test 4. Preheat indicator 5. Air intake preheating actuator 6. OBD Indicator light 7. Fuel metering unit 8. Fault indicator 9. Throttle actuator 10. Variable intake valve actuator 11. Substitute value of rail pressure at the time of failure 12. Diagnostic instrument test value 13. Engine speed 14. Cylinder breaking test 15. Modify electronic control system data 16. Compensation
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4_V740		✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4_V760		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal 2. Preheat indicator 3. Air intake preheating actuator 4. OBD Indicator light 5. Fuel metering unit 6. Fault indicator 7. Substitute value of rail pressure at the time of failure 8. Diagnostic instrument test value 9. Engine speed 10. Cylinder breaking test 1 11. Cylinder breaking test 2 12. Cylinder breaking test 3 13. Cylinder breaking test 4
Light truck	Ollin	Engine	MRT	Dachai Engine	Bosch Diesel Country IV (EDC17-26E)				✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 1	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test function test 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 2		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> function test 1. Cylinder breaking test

Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 1)	√	√	√	√	√	√	√	√	Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve	
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 1)	√				√	√	√	√	√	Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 2)	√	√	√	√	√					
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch 4D22E Type system		√	√	√	√	√	√	√	√	√	Action test 1. Preheat lamp 2. Preheat relay 3. Fault light special function 1. Cylinder breaking test 2. Injector data 3. Start failure information
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C04_KWP		√	√	√	√	√	√	√	√	√	Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. Exhaust gas recirculation solenoid valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test special function 1. Read and write VIN code 2. EGR Zero trigger learning 3. Clear ZFC Learning value 4. Read and write nozzle data 5. ECU Reset 6. Clear LTE Features
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C55(4D1/4B1/4D18E)		√	√	√	√	√					
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17CV54(4A/4B/4F1)		√	√	√	√	√	√	√	√	√	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	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai Bosch EDC17CV5 4(4A/4B/4F1)		✓	✓	✓	✓	✓	✓	<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
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai Bosch EDC17C63 (Country five)		✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P1687 EDC17C81 (country 5)		✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P_1724 EDC17CV4 4 With urea (country 5)	Quanchai P_1724 EDC17CV4 4 With urea (K)	✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P_1724 EDC17CV4 4 With urea (country 5)	Quanchai P_1724 EDC17CV4 4 With urea (CAN)	✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	QuanChai Engine	Bosch diesel common rail system		Quanchai_MDG1CE878(H20-120E60_C N6)		✓	✓	✓	✓	✓	<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 pipe 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	Ollin	Engine	MRT	QuanChai Engine	VE Pump system					✓	✓	✓		<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure 	
Light truck	Ollin	Engine	MRT	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Four cylinder			✓	✓	✓		<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 		
Light truck	Ollin	Engine	MRT	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Six cylinder			✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 		

Light truck	Ollin	Engine	MRT	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 Four cylinder				√	√	√		√	special function 1. Cylinder breaking test 2. Idle speed adjustment
Light truck	Ollin	Engine	MRT	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03			√	√	√	√			
Light truck	Ollin	Engine	MRT	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump System (J1939)			√	√	√	√			
Light truck	Ollin	Engine	MRT	QuanChai Engine	Liaoning XinFeng Common Rail System				√	√	√	√	√	√	Action test 1. Air conditioner actuator 2. Preheat actuator 3. Preheat indicator 4. OBD Fault light 5. System fault light special function 1. write VIN 2. Read and write injector programming (4 Bit) 3. ZFC Self-learning value clear of Injection time 4. Cylinder breaking test 5. Learned fuel injection deviation at idle speed 6. Idle parking regeneration 7. Load regeneration 8. Number of regenerations 9. Clear maintenance mileage 10. Clear the average speed
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Three Series	Chaochai Bosch Common Rail EDC16UC40	Static data diagnosis	√	√	√			√	Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Three Series	Chaochai Bosch Common Rail EDC16UC40	Dynamic data diagnosis	√			√	√	√	Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Three Series	Chaochai 485 Type Engine EDC17C04 system		√	√	√	√	√		Action test 1. Preheat lamp 2. Preheat relay 3. Fault light
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Four Series	Chaochai EDC16UC40_CAN (With Kailong SCR)		√	√	√	√			
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Four Series	Chaochai EDC17CV44 With urea (K)		√	√	√	√	√	√	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	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Four Series	Chao Chai EDC17CV4 4	Chao Chai P1188 EDC17CV4 4 With urea (CAN)	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test (section) 1. Actuator test 2. Start the test 3. Speed comparison test 4. Cylinder breaking test 5. Maintenance reminder clear Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Preheat indicator test 4. Fault light test 5. Fuel metering actuator test 6. System light test 7. Throttle actuator test 8. Variable eddy current actuator test 9. Alternative rail pressure set point signal test 10. External test value 11. State test of fuel injection characteristics of selected cylinders function test 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Four Series	Chao Chai EDC17CV5 4	Chao Chai EDC17CV5 4+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	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Four Series	Chao Chai EDC17CV5 4	Chao Chai EDC17CV5 4+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	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Four Series	Chao Chai P924 EDC17C53		√	√	√	√			
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	National Four Series	Chao Chai P978 EDC17C53		√	√	√	√			
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	Chao Chai _4102TC1_MD1CC878(P1969)			√	√	√	√	√	<ul style="list-style-type: none"> special function 1. write VIN 2. Read and write injector code 	
Light truck	Ollin	Engine	MRT	Chaochai Engine	Bosch Engine System	Other series	Chaochai Bosch EDC MS6. 2		√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Air intake preheating relay test 2. Engine brake test 3. Boost pressure solenoid valve test 	

Light truck	Ollin	Engine	MRT	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC40 Universal	Static data diagnosis	✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Ollin	Engine	MRT	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC40 Universal	Dynamic data diagnosis	✓				✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Ollin	Engine	MRT	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV54 band EGR	P1329 EDC17CV54 band EGR(K)	✓	✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV54 band EGR	P1329 EDC17CV54 band EGR(CAN)	✓	✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV54 band EGR	P1124 EDC17CV54 band EGR(K)	✓	✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV54 band EGR	P1124 EDC17CV54 band EGR(CAN)	✓	✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yangchai Engine	Bosch Common Rail System	Sharp Power Common Rail			✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. OBD light 2. Flashing light 3. Cold start light 4. Intake air heating relay 5. Pressure line heating 6. Inlet line heating 7. Return line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve 11. Urea line heating master relay special function 1. OEM variables
Light truck	Ollin	Engine	MRT	Yangchai Engine	Yang Chai VE Pump Engine				✓	✓	✓	✓				
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Three Common Rail System	EDC16UC40 Europe III (YN30CR/YN33CR)		✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. System lights 2. Air Conditioning Relay 3. Exhaust brake relay 4. Preheat lamp 5. Preheat relay special function 1. cylinder 1 2. cylinder 2 3. cylinder 3 4. cylinder 4
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Three Common Rail System	EDC16C39 Europe III (D16TCI/D19TCI)		✓	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 2. Preheat lamp 3. Preheat relay 4. Fault light 5. Start failure information special function 1. Read the injector code 2. Modify the injector code
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Three Common Rail System	Yunnei EDC16C39 system	EDC16C39 model 1		✓	✓	✓	✓			<ul style="list-style-type: none"> function test 1. Cylinder breaking test

Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Three Common Rail System	Yunnei EDC16C39 system	EDC16C39 model 2	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Time calibration correction 3. Light signal test 4. Odometer light test 5. System light test 6. External detector test 7. Cylinder closure test 8. Exhaust lamp valve test 9. Time calibration correction released 10. Engine speed test 11. Lighting control test 12. Front feed pump test 13. Pressure wave correction release 14. Common rail pressure test 15. EGR Coolant output control Engine test 1. high-pressure test 2. Accelerated testing 3. Compression test special function 1. Read the injector code
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Four Common Rail System	Bosch EDC17C53 system	Yunnei P924 EDC17C53 system (Beta)	√	√	√	√			
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Four Common Rail System	Bosch EDC17C53 system	Yunnei P924 EDC17C53 system (K line)	√	√	√	√			
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Four Common Rail System	Bosch EDC17C53 system	Yunnei P924 EDC17C53 system (CAN line)	√	√	√	√			
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Four Common Rail System	Bosch EDC17CV54 system	Yunnei P1187 EDC17CV54 (K)	√	√	√	√			
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Common Rail System	Bosch National Four Common Rail System	Bosch EDC17CV54 system	Yunnei P1187 EDC17CV54 (CAN)	√	√	√	√			
Light truck	Ollin	Engine	MRT	Yunnei Engine	Bosch Diesel MD1CE108 (National Six)				√	√	√	√	√	√	<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 pipe 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	Ollin	Engine	MRT	Yunnei Engine	Delphi Common Rail System (Yunnei Engine National Six DCM7. 24)				√	√	√	√	√	<ul style="list-style-type: none"> special function 1. write VIN 2. Read all injector codes 3. Write injector code 4. DPF Forced regeneration 5. Vehicle operation DPF regeneration 	

Light truck	Ollin	Engine	MRT	Yunnei Engine	Delphi System (D45)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Rail pressure control test 2. IMV Valve test 3. Fuel injector 1 Close test 4. Fuel injector 2 Close test 5. Fuel injector 3 Close test 6. Fuel injector 4 Close test 7. Engine power balance test 8. Injector drift test 9. Injector prevented from opening test at startup 10. Fuel injector 1 Buzzer test 11. Fuel injector 2 Buzzer test 12. Fuel injector 3 Buzzer test 13. Fuel injector 4 Buzzer test 14. High pressure system hydraulic test 15. Cylinder compression test 16. Minimum drive pulse width update cycle adjustment 17. Minimum driving pulse width learning at idling speed 18. IMV Valve buzzer test special function 1. write VIN 2. Read and write injector code
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 (Xichai dedicated)	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 Universal 1	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 Universal 1	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40 (Universal 1)	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40 (Universal 1)	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40 (Universal 2)	✓	✓	✓	✓	✓	✓	

Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC4 0 series	EDC16 4DF3	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> function test 1. Compression test 1 2. Compression test 2 3. high-pressure test 4.RUN UP test / High speed test Actuator control <ul style="list-style-type: none"> 1. Fault light is off 2. Cooling light on 3. Exhaust valve open Modify electronic control system data <ul style="list-style-type: none"> 1. Vehicle identification modification 2. Engine logo modification 3. Car model modification
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_Kline	✓	✓	✓	✓	✓	<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
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_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 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_UDS (V7 20, V750, V762)	✓	✓	✓	✓	✓	<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	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV54 series	liberati on P904 EDC17CV54+EGR	√	√	√	√						
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV54 series	liberati on P1074 EDC17CV54+EGR(Co nway 4DXR/4DW)	√	√	√	√	√	√	√			<p>Action test</p> <ol style="list-style-type: none"> 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	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV54 series	liberati on P1074 EDC17CV54+EGR(4DC2)	√	√	√	√						
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV54 series	liberati on P1074 EDC17CV54+EGR(UD S)	√	√	√	√	√	√				<p>special function</p> <ol style="list-style-type: none"> 1. Air conditioning compressor signal 2. Boost pressure actuator test 3. EGR Actuator test 4. Preheat indicator 5. Air intake preheating actuator 6. OBD Indicator light 7. Fuel metering unit 8. Fault indicator 9. Throttle actuator 10. Variable intake valve actuator 11. Substitute value of rail pressure at the time of failure 12. Diagnostic instrument test value 13. Engine speed 14. Cylinder breaking test 15. Modify electronic control system data 16. Compensation
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Five Series	Xichai Bosch EDC17CV44_Kline		√	√	√	√	√	√				<p>Action test</p> <ol style="list-style-type: none"> 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	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	National Five Series	Xichai Bosch EDC17CV4 4_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 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	other	Xichai 4DF3 Engine	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	other	Xichai 4DF4 Engine	✓	✓	✓	✓	✓	<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
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	other	Xichai 6DF3 Engine	Dynamic data diagnosis	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test

Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	other	Xichai 6DF3 Engine	Static data diagnosis	✓	✓	✓	✓	✓	✓	special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	other	Xichai 6DL2 Engine		✓	✓	✓	✓	✓	✓	Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off
Light truck	Ollin	Engine	MRT	Xichai Engine	Bosch diesel common rail	other	Wuxi diesel Engine		✓	✓	✓	✓	✓	✓	Action test 1. Fault light 2. Exhaust gas recirculation solenoid valve 3. Preheat indicator 4. Preheat main relay
Light truck	Ollin	Engine	MRT	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Four cylinder			✓	✓	✓	✓	✓	✓	special function 1. Cylinder breaking test 2. Idle speed adjustment
Light truck	Ollin	Engine	MRT	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Six cylinder			✓	✓	✓	✓	✓	✓	special function 1. Cylinder breaking test 2. Idle speed adjustment
Light truck	Ollin	Engine	MRT	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 Four cylinder			✓	✓	✓	✓	✓	✓	special function 1. Cylinder breaking test 2. Idle speed adjustment
Light truck	Ollin	Engine	MRT	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 Six cylinder		✓	✓	✓	✓	✓	✓	✓	
Light truck	Ollin	Engine	MRT	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03		✓	✓	✓	✓	✓	✓	✓	
Light truck	Ollin	Engine	MRT	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump System (I1939)		✓	✓	✓	✓	✓	✓	✓	
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (CAN line)	✓	✓	✓	✓	✓	✓	Action test 1. System lights 2. Air Conditioning Relay 3. Exhaust brake relay 4. Preheat lamp 5. Preheat relay
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (Yuchai EDC7 dedicated)	✓	✓	✓	✓	✓	✓	special function 1. Cylinder breaking test 2. Start fault information test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV) (CAN line)	✓	✓	✓	✓	✓	✓	
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV) (K line)	✓	✓	✓	✓	✓	✓	special function 1. Cylinder breaking test

Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 system (Universal)	√	√	√	√	√	special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 system (Universal)	√	√	√	√	√	Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal 1)	√	√	√	√	√	Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal 1)	√	√	√	√	√	Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal 2)	√	√	√	√	√	
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (K line)	√	√	√	√	√	Action test 1. Cylinder breaking test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (Yuchai EDC7 dedicate)	√	√	√	√	√	special function 1. Cylinder breaking test 2. Start fault information test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC17CV44/CV54 system	Yuchai Bosch EDC17CV44/CV54 Country four	√	√	√	√	√	
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC17CV44/CV54 system	Yuchai Bosch EDC17CV54 Country four +EGR	√	√	√	√	√	
Light truck	Ollin	Engine	MRT	Yuchai Engine	Bosch system	Yuchai Bosch National Five Series	Yuchai Bosch EDC17CV44 system	Yuchai Bosch EDC17CV44 With urea (Country five)	√	√	√	√	√	

Light truck	Ollin	Engine	MRT	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.2 Version (Upgraded version)		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. EGR Throttle actuator (Only 5 Cylinder) 2. EGR valve 3. Glow plug 4. IMV 5. VGT Actuator 6. fan 2 7. fan 1 8. Power relay 9. Engine test light 10. Glow plug 11. Anti-theft indicator output 12. Air Conditioning Relay 13. Auxiliary heater #2 14. Auxiliary heater #1 15. Oil filter indicator 16. Fault light 17. Engine equipment level control 18. Remote start enable output 19. Eddy current actuator special function 1. Cylinder breaking test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.2 Version		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. EGR Throttle actuator (Only 5 Cylinder) 2. EGR valve 3. Glow plug 4. IMV 5. VGT Actuator 6. fan 2 7. fan 1 8. Power relay 9. Engine test light 10. Glow plug 11. Anti-theft indicator output 12. Air Conditioning Relay 13. Auxiliary heater #2 14. Auxiliary heater #1 15. Oil filter indicator 16. Fault light 17. Engine equipment level control 18. Remote start enable output 19. Eddy current actuator special function 1. Cylinder breaking test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.1 Version		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Glow plug 2. IMV 3. VGT Valve actuator 4. fan 2 5. fan 1 6. Power relay 7. Engine test light 8. Glow plug 9. Anti-theft indicator output 10. Air Conditioning Relay 11. Auxiliary heater #2 12. Auxiliary heater #1 13. Oil filter indicator special function 1. Cylinder breaking test
Light truck	Ollin	Engine	MRT	Yuchai Engine	Delphi System	Delphi Unit Pump System	Delphi Unit Pump		✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yuchai Engine	Delphi System	Delphi Unit Pump System	Delphi Unit Pump II		✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yuchai Engine	Wit System	Wit Unit Pump System (I1939)			✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yuchai Engine	Wit System	Wit Unit Pump System (RS232)			✓	✓	✓	✓			
Light truck	Ollin	Engine	MRT	Yuchai Engine	Wit System	Wit Unit Pump System (For Yuchai) (RS232)			✓	✓	✓	✓			
Light truck	Ollin	Post-processing system	Kailong SCR						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Urea injection test special function 1. Fault mask 2. ultra 5, ultra 7 Fault mask 3. VIN

Light truck	Ollin	Post-processing system	Wuxi Kailong SCR(National Six)							√	√	√	√	√		function test 1. Manually control pump injection
Light truck	Ollin	Post-processing system	Aikelan post-processing	Aikelan post-processing						√	√	√	√	√	√	Action test 1. Compressed air valve 2. Heating water valve 3. Urea supply unit heater 4. Urea suction pipe heater 5. Urea injection tube heater 6. Metering pumps special function
Light truck	Ollin	Post-processing system	Aikelan post-processing	Aikelan post-processing (OBD)						√	√	√	√			Read vehicle information
Light truck	Ollin	Anti-lock brake system	WABCO Electronic Control System							√	√	√	√	√	√	Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Repair station code or tester serial number
Light truck	Ollin	Anti-lock brake system	WABCO ABS_K08								√	√	√	√		Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light
Light truck	Ollin	Anti-lock brake system	WABCO ABS_K12							√	√	√	√	√	√	Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light special function 1. match / Set up
Light truck	Ollin	Anti-lock brake system	WABCO ABS_E							√	√	√	√	√		Action test 1. ABS Warning light 2. Steering shaft left wheel solenoid valve detection 3. Steering shaft right wheel solenoid valve detection 4. Drive shaft left wheel solenoid valve detection 5. Drive shaft right wheel solenoid valve detection
Light truck	Ollin	Anti-lock brake system	WABCO ABS(Sino truck)							√	√	√	√	√		Action test 1. ABS Warning light 2. ASR Indicator light 3. Actuation engine interface 4. Actuation solenoid valve 5. Actuating differential valve
Light truck	Ollin	Anti-lock brake system	WABCO ABS-E 4S/4M							√	√	√	√	√		Action test 1. Warning light 2. ASR light 3. Trailer warning light
Light truck	Ollin	Anti-lock brake system	Yuanfeng ABS							√	√	√	√	√	√	Action test 1. Individual control of the motor 2. Separate control of the left front valve booster valve 3. Separately control the right front valve booster valve 4. Separately control the left rear valve booster valve 5. Separately control the right rear valve booster valve 6. Separately control the left front valve pressure reducing valve 7. Separately control the right front valve pressure reducing valve 8. Separately control the left rear valve pressure reducing valve 9. Separately control the right rear valve pressure reducing valve 10. Speed limit is invalid 11. Shut-off valve relay shut-off function special function 1. Maintenance exhaust



Light truck	011in	Anti-lock brake system	Knorr ABS/ESC							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Outlet valve of solenoid valve on the right side of drive shaft 2. Inlet valve of solenoid valve on the right side of drive shaft 3. Outlet valve of the solenoid valve on the left side of the steering shaft 4. Intake valve of solenoid valve on the left side of steering shaft 5. Outlet valve of the solenoid valve on the right side of the additional shaft 6. Intake valve of the solenoid valve on the right side of the additional shaft 7. Differential 8. Retarder 9. Outlet valve of solenoid valve on the left side of drive shaft 10. Inlet valve of the solenoid valve on the left side of the drive shaft 11. Outlet valve of solenoid valve on the right side of steering shaft 12. Intake valve of the solenoid valve on the right side of the steering shaft
Light truck	011in	Anti-lock brake system	Dongfeng Technology ABS system (DETC)							✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Warning light test 2. ASR Lamp test match / Set up 1. ASR Features
Light truck	011in	meter	Combination instrument							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Engine anti-theft 6. Low oil pressure 7. Braking system failure 8. Parking brake 9. airbag 10. Engine emission failure 11. Engine shutdown 12. Driver's seat belt 13. Engine non-emission related failure 14. Vacuum alarm 15. Turn left 16. Turn right 17. cruise 18. Front fog lights 19. High beam 20. Rear fog lamps 21. Engine warm up
Light truck	011in	meter	Combination instrument (Export to Turkey)							✓			✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures 13. Turn left 14. Turn right 15. cruise 16. Engine warm up 17. Gearbox failure 18. ESP open (ESP jobs / malfunction) 19. Oil-water separation 20. Position light 21. ASR malfunction
Light truck	011in	Electronic power steering system (EPS)	ES4K							✓	✓	✓	✓			
Light truck	011in	Electronic power steering system (EPS)	ES03A							✓	✓	✓	✓			

Light truck	Ollin	Electronic power steering system (EPS)	Yubei EPS						✓	✓	✓	✓	✓	special function 1. Hardware reset 2. Fast key reset 3. Software reset 4. Write VIN 5. Neutral calibration of steering angle 6. Steering angle neutral position clear
Light truck	Forland	Engine	Beijing Environmental Power	491 gasoline Engine (Delphi System)	MT20U(ol d version)					✓	✓	✓	✓	Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
Light truck	Forland	Engine	Beijing Environmental Power	491 gasoline Engine (Delphi System)	MT20U(new version)				✓	✓	✓	✓	✓	Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan
Light truck	Forland	Engine	Beijing Environmental Power	491 gasoline Engine (Delphi System)	MT20U2				✓	✓	✓	✓	✓	Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function
Light truck	Forland	Engine	Beijing Environmental Power	491 gasoline Engine (Delphi System)	MT22U				✓	✓	✓	✓	✓	Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10. 1# Cylinder breaking test 11. 2# Cylinder breaking test 12. 3# Cylinder breaking test 13. 4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning

Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	4JB1-TC1/TC1 (country 3)				✓	✓	✓	✓			<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Qingling 4JB1_100 P country 4(Bosch)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)				✓	✓	✓	✓			
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine				✓	✓	✓	✓				
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	EDC16C39			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55			✓	✓	✓	✓			
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	EDC17C55 V421			✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55			✓	✓	✓	✓			

Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63			√	√	√	√						
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)			√	√	√	√	√	√	√			<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)			√	√	√	√	√	√	√			<ul style="list-style-type: none"> 1. Read hierarchical data and VDS code Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test
Light truck	Forland	Engine	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)			√	√	√	√	√	√	√			<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset

Light truck	Forland	Engine	Huayuan Laidong Diesel Engine	Dragon pump common rail system					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioner actuator 2. Preheat actuator 3. Preheat indicator 4. OBD Fault light 5. System fault light special function 1. Write VIN code 2. write 1 Cylinder injector IQA code 3. write 2 Cylinder injector IQA code 4. write 3 Cylinder injector IQA code 5. write 4 Cylinder injector IQA code 6. write 5 Cylinder injector IQA code 7. write 6 Cylinder injector IQA code
Light truck	Forland	Engine	Huayuan Laidong Diesel Engine	Liaoning XinFeng Common Rail System					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioner actuator 2. Preheat actuator 3. Preheat indicator 4. OBD Fault light 5. System fault light special function 1. write VIN 2. Read and write injector programming (4 Bit) 3. ZFC Self-learning value clear of injection time 4. Cylinder breaking test 5. Learned fuel injection deviation at idle speed 6. Idle parking regeneration 7. Load regeneration 8. Number of regenerations 9. Clear maintenance mileage 10. Clear the average speed
Light truck	Forland	Engine	Huayuan Laidong Diesel Engine	Wuhan Ryoden 2 (Gas machine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Light truck	Forland	Engine	Chaochai Engine	Bosch National Three Series	Chaochai Bosch Common Rail EDC16UC40	Static data diagnosis				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Forland	Engine	Chaochai Engine	Bosch National Three Series	Chaochai Bosch Common Rail EDC16UC40	Dynamic data diagnosis				✓			✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Forland	Engine	Chaochai Engine	Bosch National Three Series	Chaochai 485 Type Engine EDC17CO4 system				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Preheat lamp 2. Preheat relay 3. Fault light
Light truck	Forland	Engine	Chaochai Engine	Bosch National Four Series	Chaochai EDC16UC40_CAN (With Kailong SCR)				✓	✓	✓	✓			

Light truck	Forland	Engine	Chaochai Engine	Bosch National Four Series	Chao Chai EDC17CV44	Chao Chai P1188 EDC17CV44 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 18. AdBlue4/2 Access valve 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
Light truck	Forland	Engine	Chaochai Engine	Bosch National Four Series	Chao Chai EDC17CV44	Chao Chai P1188 EDC17CV44 With urea (CAN)												<ul style="list-style-type: none"> Action test (section) 1. Actuator test 2. Start the test 3. Speed comparison test 4. Cylinder breaking test 5. Maintenance reminder clear Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Preheat indicator test 4. Fault light test 5. Fuel metering actuator test 6. System light test 7. Throttle actuator test 8. Variable eddy current actuator test 9. Alternative rail pressure set point signal test 10. External test value 11. State test of fuel injection characteristics of selected cylinders function test 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test
Light truck	Forland	Engine	Chaochai Engine	Bosch National Four Series	Chao Chai EDC17CV54	Chao Chai P1188 EDC17CV54+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	Forland	Engine	Chaochai Engine	Bosch National Four Series	Chao Chai EDC17CV54	Chao Chai EDC17CV54+EGR(CA N)											<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	Forland	Engine	Chaochai Engine	Bosch National Four Series	Chao Chai P924 EDC17C53												
Light truck	Forland	Engine	Chaochai Engine	Bosch National Four Series	Chao Chai P978 EDC17C55												
Light truck	Forland	Engine	Chaochai Engine	Chao Chai 4102TCI MD1CC878(P1969)													<ul style="list-style-type: none"> special function 1. write VIN 2. Read and write injector code
Light truck	Forland	Engine	Chaochai Engine	Other Bosch series	Chaochai Bosch EDC MS6.2												<ul style="list-style-type: none"> Action test 1. Air intake preheating relay test 2. Engine brake test 3. Boost pressure solenoid valve test
Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	Ochai EDC7UC31 series	Static data diagnosis											<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	Ochai EDC7UC31 series	Dynamic data diagnosis											<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	Bosch Common Rail EDC16UC40	Static data diagnosis											<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	Bosch Common Rail EDC16UC40	Dynamic data diagnosis											<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test

Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	Bosch Common Rail EDC16C39 (4DC2)				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test function test 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	Bosch Common Rail 4DC-55D				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test special function 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	4JB1 Bosch Common Rail System					✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test Engine test 1. Compression test 2. Accelerated testing 3. high-pressure test
Light truck	Forland	Engine	Dachai Engine	Bosch National Three Series	EDC16 4DE3/4DF 3 Bosch Common Rail				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> function test 1. Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test Actuator control 1. Fault light is off 2. Cooling light on 3. Exhaust valve open Modify electronic control system data 1. Vehicle identification modification 2. Engine logo modification 3. Car model modification

Light truck	Forland	Engine	Dachai Engine	Bosch National Four Series	EDC17CV5 4+EGR_Europe IV													<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. Replace rail pressure fixed-point signal test 12. External test value 13. State test of fuel injection characteristics of selected cylinders special function 1. Clear PRV Valve timeout times 2. Clear PRV Valve timeout 3. Broken cylinder (Jet off) test 4. Engine speed comparison 5. Start fault information test 6. Read and write nozzle data 7. Read and write VIN code
Light truck	Forland	Engine	Dachai Engine	Bosch National Four Series	EDC17CV5 4 CAN(Ocha i 4DC2)													<ul style="list-style-type: none"> special function 1. Air conditioning compressor signal 2. Boost pressure actuator test 3. EGR Actuator test 4. Preheat indicator 5. Air intake preheating actuator 6. OBD Indicator light 7. Fuel metering unit 8. Fault indicator 9. Throttle actuator 10. Variable intake valve actuator 11. Substitute value of rail pressure at the time of failure 12. Diagnostic instrument test value 13. Engine speed 14. Cylinder breaking test 15. Modify electronic control system data 16. Compensation
Light truck	Forland	Engine	Dachai Engine	Bosch National Four Series	Bosch EDC17CV5 4_V740													
Light truck	Forland	Engine	Dachai Engine	Bosch National Four Series	Bosch EDC17CV5 4_V760													<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal 2. Preheat indicator 3. Air intake preheating actuator 4. OBD Indicator light 5. Fuel metering unit 6. Fault indicator 7. Substitute value of rail pressure at the time of failure 8. Diagnostic instrument test value 9. Engine speed 10. Cylinder breaking test 1 11. Cylinder breaking test 2 12. Cylinder breaking test 3 13. Cylinder breaking test 4
Light truck	Forland	Engine	Dachai Engine	Bosch Diesel Country IV (EDC17-26E)														
Light truck	Forland	Engine	Dachai Engine															
Light truck	Forland	Engine	Dachai Engine	VE Pump system														<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure

Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 1		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test function test 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 2		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> function test 1. Cylinder breaking test 	
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40 (Universal 1)	Static data diagnosis	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve 	
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40 (Universal 1)	Dynamic data diagnosis	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test 	
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40 (Universal 2)		✓	✓	✓	✓	✓		
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch 4D22E Type system			✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Preheat lamp 2. Preheat relay 3. Fault light special function 1. Cylinder breaking test 2. Injector data 3. Start failure information 	
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C04_KWP			✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. Exhaust gas recirculation solenoid valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test special function 1. Read and write VIN code 2. EGR Zero trigger learning 3. Clear ZFC Learning value 4. Read and write nozzle data 5. ECU Reset 6. Clear LTE Features 	
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C55 (4D1/4B1/4D18E)			✓	✓	✓	✓	✓		

Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17CV5 4(4A/4B/4F1)		✓	✓	✓	✓	✓	✓	<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
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai Bosch EDC17CV5 4(4A/4B/4F1)		✓	✓	✓	✓	✓	✓	<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
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai Bosch EDC17C63 (Country five)		✓	✓	✓	✓			
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P1687 EDC17C81 (country 5)		✓	✓	✓	✓			
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P_1724 EDC17CV4 4 With urea (country 5)	Quanchai P_1724 EDC17CV4 4 With urea (K)	✓	✓	✓	✓			
Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P_1724 EDC17CV4 4 With urea (country 5)	Quanchai P_1724 EDC17CV4 4 With urea (CAN)	✓	✓	✓	✓			

Light truck	Forland	Engine	QuanChai Engine	Bosch diesel common rail system	Quanchai MDG1CE878 (H20-120E60_CN6)					✓	✓	✓	✓	✓	✓	<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 pipe 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	Forland	Engine	QuanChai Engine	VE Pump system							✓	✓	✓			<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Light truck	Forland	Engine	QuanChai Engine	Longkou VE Pump						✓	✓	✓	✓			
Light truck	Forland	Engine	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 Four cylinder						✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment
Light truck	Forland	Engine	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03					✓	✓	✓	✓			
Light truck	Forland	Engine	QuanChai Engine	Nanyue Unit Pump System	Nanyue Unit Pump System (J1939)					✓	✓	✓	✓			
Light truck	Forland	Engine	QuanChai Engine	Liaoning XinFeng Common Rail System						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioner actuator 2. Preheat actuator 3. Preheat indicator 4. OBD Fault light 5. System fault light special function 1. write VIN 2. Read and write injector programming (4 Bit) 3. ZFC Self-learning value clear of injection time 4. Cylinder breaking test 5. Learned fuel injection deviation at idle speed 6. Idle parking regeneration 7. Load regeneration 8. Number of regenerations 9. Clear maintenance mileage 10. Clear the average speed
Light truck	Forland	Engine	QuanChai Engine	Liaoning XinFeng ECU18 (National Six)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioner actuator 2. Preheat actuator 3. Preheat indicator 4. OBD Fault light 5. System fault light special function 1. write VIN 2. Write low idle speed correction 3. write EGR Control air intake correction coefficient 4. write EGR The number of self-learning times of valve fully closed position 5. write EGR The number of self-learning times of valve fully open position 6. ZFC Self-learning value clear of injection time 7. Cylinder breaking test 8. Learned fuel injection deviation at idle speed 9. Idle parking regeneration 10. Load regeneration 11. Number of regenerations 12. Clear maintenance mileage 13. Clear the average speed

Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 (Xichai dedicated)		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 Universal	Dynamic data diagnosis	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 Universal	Static data diagnosis	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40 (Universal 1)	Static data diagnosis	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40 (Universal 1)	Dynamic data diagnosis	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40 (Universal 2)		✓	✓	✓	✓	✓	✓	
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC164DF3		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> function test 1. Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test Actuator control 1. Fault light is off 2. Cooling light on 3. Exhaust valve open Modify electronic control system data 1. Vehicle identification modification 2. Engine logo modification 3. Car model modification

Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_Kline	✓	✓	✓	✓	✓	<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
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_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 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_UDS (V7, V750, V762)	✓	✓	✓	✓	✓	<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	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	liberati on P904 EDC17CV5 4+EGR	✓	✓	✓	✓		

Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	liberati on P1074 EDC17CV5 4+EGR(Co nway 4DXR/4DW)	✓	✓	✓	✓	✓	✓	<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	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	liberati on P1074 EDC17CV5 4+EGR(4D C2)	✓	✓	✓	✓			
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	liberati on P1074 EDC17CV5 4+EGR(UD S)	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Air conditioning compressor signal 2. Boost pressure actuator test 3. EGR Actuator test 4. Preheat indicator 5. Air intake preheating actuator 6. OBD Indicator light 7. Fuel metering unit 8. Fault indicator 9. Throttle actuator 10. Variable intake valve actuator 11. Substitute value of rail pressure at the time of failure 12. Diagnostic instrument test value 13. Engine speed 14. Cylinder breaking test 15. Modify electronic control system data 16. Compensation 	
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Xichai Bosch EDC17CV4 4_Kline		✓	✓	✓	✓	✓	<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 	

Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Xichai Bosch EDC17CV4_4_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 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 4DF3 Engine		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 4DF4 Engine		✓	✓	✓	✓	✓	<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
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 6DF3 Engine	Dynamic data diagnosis	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test

Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 6DF3 Engine	Static data diagnosis		√	√	√	√	√	√	special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information	
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 6DL2 Engine		√	√	√	√	√	√	√	Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off	
Light truck	Forland	Engine	Xichai Engine	Bosch diesel common rail	other	Wuxi diesel Engine		√	√	√	√	√	√	√	Action test 1. Fault light 2. Exhaust gas recirculation solenoid valve 3. Preheat indicator 4. Preheat main relay	
Light truck	Forland	Engine	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Four cylinder			√	√	√	√	√	√	√	special function 1. Cylinder breaking test 2. Idle speed adjustment	
Light truck	Forland	Engine	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Six cylinder			√	√	√	√	√	√	√	special function 1. Cylinder breaking test 2. Idle speed adjustment	
Light truck	Forland	Engine	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 Four cylinder			√	√	√	√	√	√	√	special function 1. Cylinder breaking test 2. Idle speed adjustment	
Light truck	Forland	Engine	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03			√	√	√	√	√	√	√		
Light truck	Forland	Engine	Xichai Engine	Nanyue Unit Pump System	Nanyue Unit Pump System (J1939)			√	√	√	√	√	√	√		
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (CAN line)		√	√	√	√	√	√	Action test 1. System lights 2. Air Conditioning Relay 3. Exhaust brake relay 4. Preheat lamp 5. Preheat relay	
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (Yuchai EDC7 dedicated)		√	√	√	√	√	√	√	special function 1. Cylinder breaking test 2. Start fault information test
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV) (CAN line)		√	√	√	√	√	√		
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV) (K line)		√	√	√	√	√	√	√	special function 1. Cylinder breaking test
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 system (Universal)	Static data diagnosis	√	√	√	√	√	√	√	special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information

Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 system (Universal)	Dynamic data diagnosis	✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal 1)	Static data diagnosis	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve 	
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal 1)	Dynamic data diagnosis	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test 	
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal 2)		✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (K line)		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 	
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (Yuchai EDC7 dedicated)		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Start fault information test 	
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC17CV44/CV54 system	Yuchai Bosch EDC17CV44/CV54 Country four		✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National IV Series	Yuchai Bosch EDC17CV44/CV54 system	Yuchai Bosch EDC17CV44 Country four +EGR		✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National Five Series	Yuchai Bosch EDC17CV44 system	Yuchai Bosch EDC17CV44 With urea (Country five)		✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System automatic recognition				✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 1				✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 	
Light truck	Forland	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 2			✓	✓	✓	✓			

Light truck	Forland	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 3			√	√	√	√				
Light truck	Forland	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 4			√	√	√	√				
Light truck	Forland	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 5			√	√	√	√				
Light truck	Forland	Engine	Yuchai Engine	Easy control system	Jade Power (YCD4N1L)				√	√	√	√				
Light truck	Forland	Engine	Yuchai Engine	Nanyue System	Nanyue Unit Pump R01 (Four cylinder)					√	√	√	√		special function 1. Cylinder breaking test 2. Idle speed adjustment	
Light truck	Forland	Engine	Yuchai Engine	Nanyue System	Nanyue Unit Pump R01 (Six cylinder)					√	√	√	√		special function 1. Cylinder breaking test 2. Idle speed adjustment	
Light truck	Forland	Engine	Yuchai Engine	Nanyue System	Nanyue Unit Pump R02 (Four cylinder)					√	√	√	√		special function 1. Cylinder breaking test 2. Idle speed adjustment	
Light truck	Forland	Engine	Yuchai Engine	Nanyue System	Nanyue Unit Pump R03				√	√	√	√				
Light truck	Forland	Engine	Yuchai Engine	Delphi System	Delphi Common Rail System (Upgraded version)	Delphi Euro III diesel 3.2 Version			√	√	√	√	√	√	√	Action test 1. EGR Throttle actuator (Only 5 Cylinder) 2. EGR valve 3. Glow plug 4. IMV 5. VGT Actuator 6. fan 2 7. fan 1 8. Power relay 9. Engine test light 10. Glow plug 11. Anti-theft indicator output 12. Air Conditioning Relay 13. Auxiliary heater #2 14. Auxiliary heater #1 15. Oil filter indicator 16. Fault light 17. Engine equipment level control 18. Remote start enable output 19. Eddy current actuator special function 1. Cylinder breaking test
Light truck	Forland	Engine	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.2 Version			√	√	√	√	√	√	√	Action test 1. EGR Throttle actuator (Only 5 Cylinder) 2. EGR valve 3. Glow plug 4. IMV 5. VGT Actuator 6. fan 2 7. fan 1 8. Power relay 9. Engine test light 10. Glow plug 11. Anti-theft indicator output 12. Air Conditioning Relay 13. Auxiliary heater #2 14. Auxiliary heater #1 15. Oil filter indicator 16. Fault light 17. Engine equipment level control 18. Remote start enable output 19. Eddy current actuator special function 1. Cylinder breaking test

Light truck	Forland	Engine	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.1 Version			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Glow plug 2. IMV 3. VGT Valve actuator 4. fan 2 5. fan 1 6. Power relay 7. Engine test light 8. Glow plug 9. Anti-theft indicator output 10. Air Conditioning Relay 11. Auxiliary heater #2 12. Auxiliary heater #1 13. Oil filter indicator special function 1. Cylinder breaking test
Light truck	Forland	Engine	Yuchai Engine	Delphi System	Delphi Unit Pump System	Delphi Unit Pump			✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Delphi System	Delphi Unit Pump System	Delphi Unit Pump II			✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Wit System	Wit Unit Pump System (J1939)				✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Wit System	Wit Unit Pump System (RS232)				✓	✓	✓	✓			
Light truck	Forland	Engine	Yuchai Engine	Wit System	Wit Unit Pump System (For Yuchai) (RS232)				✓	✓	✓	✓			
Light truck	Forland	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC16UC40(Country Three)	Static data diagnosis			✓	✓	✓		✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve 	
Light truck	Forland	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC16UC40(Country Three)	Dynamic data diagnosis			✓				✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test 	
Light truck	Forland	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 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 18. AdBlue4/2 Access valve 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve 	
Light truck	Forland	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17(Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 With urea (CAN)		✓	✓	✓	✓			

Light truck	Forland	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (K)		✓	✓	✓	✓	✓	✓	<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	Forland	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (CAN)		✓	✓	✓	✓			
Light truck	Forland	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Four cylinder				✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	
Light truck	Forland	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Six cylinder				✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	
Light truck	Forland	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 Four cylinder				✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment 	
Light truck	Forland	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03				✓	✓	✓	✓			
Light truck	Forland	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump System (J1939)				✓	✓	✓	✓			
Light truck	Forland	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (J1939)				✓	✓	✓	✓			
Light truck	Forland	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (RS232)				✓	✓	✓	✓			
Light truck	Forland	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (For Yuchai) (RS232)				✓	✓	✓	✓			
Light truck	Forland	Engine	Perkins Engine	Creative master CNG system					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Detection lamp 2. Carbon canister purification 3. Fuel pump 4. Air conditioning clutch 5. Ignition activation test 6. Injector activation test 	
Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC40 Universal	Static data diagnosis		✓	✓	✓		✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve 	

Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC40 Universal	Dynamic data diagnosis		✓			✓	✓	✓	Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	EDC17CV54(4DA2-40)			✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV54 band EGR	P1329 EDC17CV54 band EGR (K)		✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV54 band EGR	P1329 EDC17CV54 band EGR (CAN)		✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV54 band EGR	P1124 EDC17CV54 band EGR (K)		✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV54 band EGR	P1124 EDC17CV54 band EGR (CAN)		✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Bosch Common Rail System	Sharp Common Rail				✓	✓	✓	✓	✓	✓	Action test 1. OBD light 2. Flashing light 3. Cold start light 4. Intake air heating relay 5. Pressure line heating 6. Inlet line heating 7. Return line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve 11. Urea line heating master relay special function 1. OEM variables
Light truck	Forland	Engine	Yangchai Engine	Wit Unit Pump	Wit Unit Pump System (I1939)				✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Wit Unit Pump	Wit Unit Pump System (RS232)				✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Wit Unit Pump	Wit Unit Pump System (For Yuchai) (RS232)				✓	✓	✓	✓			
Light truck	Forland	Engine	Yangchai Engine	Longkou VE Pump					✓	✓	✓	✓			
Light truck	Forland	Engine	Yunnei Engine	Bosch EDC17CV54 system	Yunnei P1187 EDC17CV54 (K)				✓	✓	✓	✓			
Light truck	Forland	Engine	Yunnei Engine	Bosch EDC17CV54 system	Yunnei P1187 EDC17CV54 (CAN)				✓	✓	✓	✓			
Light truck	Forland	Engine	Yunnei Engine	Bosch Diesel Country IV (EDC17-26E)					✓	✓	✓	✓			

Light truck	Forland	Engine	Yunnei Engine	Bosch Diesel MD1CE108 (National Six)					✓	✓	✓	✓	✓	✓	<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 pipe 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	Forland	Engine	Yunnei Engine	Delphi Common Rail System (Yunnei Engine National Six DCM7. 24)					✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. write VIN 2. Read all injector codes 3. Write injector code 4. DPF Forced regeneration 5. Vehicle operation DPF regeneration
Light truck	Forland	Engine	Yunnei Engine	VE Pump system						✓	✓	✓			<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Light truck	Forland	Engine	Yunnei Engine	Steam Engine	UMC UMC ME788 (natural gas) system				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator (MIL) 2. Fuel pump relay 3. Cooling fan relay 1 4. Cooling fan relay 2 5. Air conditioning clutch 6. Vehicle maintenance indicator 7. Turbocharger valve special function 1. ECU Power-off reset
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Delphi System	MT20U(ol d version)				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Delphi System	MT20U(new version)				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Delphi System	MT20U2				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function

Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Delphi System	MT22U				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10.1# Cylinder breaking test 11.2# Cylinder breaking test 12.3# Cylinder breaking test 13.4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Suntech System						✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Valve closed 3. Oil pump relay 4. Air conditioning compressor relay 5. Valve remains closed 6. Anti-theft control light 7. Cooling fan relay high 8. Cooling fan relay low 9. Main relay 10. Carbon canister valve 11. Idle speed actuator 12. Single cylinder closed 13. Ignition coils 1 14. Ignition coils 2 15. Ignition coils 3 	
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Wuhan Ryoden 1					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code 	
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Wuhan Ryoden 2(Gas machine)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code 	
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Wuhan Ryoden - CAN					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Canister solenoid valve 2. Oil pump relay 3. Low speed fan relay 4. High-speed fan relay 5.MIL light 6.SVS light 7. Idle speed control 8. Speed control special function 1. Flash VIN code 	
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Wuhan Ryoden EMS(National Six Gasoline Engine)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Canister solenoid valve 2. Oil pump relay 3. Low speed fan relay 4. High-speed fan relay 5.MIL light 6.SVS light 7. Idle speed control 8. Speed control 9.GPF regeneration special function 1. Flash VIN code 	
Light truck	Forland	Engine	Other Engines	Liu Ji 465 gasoline Engine	Wuhan Ryoden EMS(National Six Gas Engine)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Canister solenoid valve 2. Oil pump relay 3. Low speed fan relay 4. High-speed fan relay 5.MIL light 6.SVS light 7. Idle speed control 8. Speed control 9.GPF regeneration special function 1. Flash VIN code 	

Light truck	Forland	Engine	Other Engines	Liu Ji 469 gasoline Engine	Suntech EMS					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Main relay 2. Oil pump relay 3. cooling fan 1 switch 4. cooling fan 2 switch 5. Fault light 6. Evaporator purification valve 7. EGR Duty cycle valve 8. Idle speed actuator stepper motor 9. First 1 Cylinder injector 10. First 2 Cylinder injector 11. First 3 Cylinder injector 12. First 4 Cylinder injector special function 1. Reset adaptive value 2. Application correction 3. data input
Light truck	Forland	Engine	Other Engines	Liu Ji 469 gasoline Engine	Wuhan Ryoden 1					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Light truck	Forland	Engine	Other Engines	Liu Ji 469 gasoline Engine	Wuhan Ryoden 2 (Gas machine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Light truck	Forland	Engine	Other Engines	Liu Ji 469 gasoline Engine	Wuhan Ryoden EMS (National Six Gasoline Engine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Canister solenoid valve 2. Oil pump relay 3. Low speed fan relay 4. High-speed fan relay 5. MIL light 6. SVS light 7. Idle speed control 8. Speed control 9. GPF regeneration special function 1. Flash VIN code
Light truck	Forland	Engine	Other Engines	Liu Ji 469 gasoline Engine	Wuhan Ryoden EMS (National Six Gas Engine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Canister solenoid valve 2. Oil pump relay 3. Low speed fan relay 4. High-speed fan relay 5. MIL light 6. SVS light 7. Idle speed control 8. Speed control 9. GPF regeneration special function 1. Flash VIN code
Light truck	Forland	Engine	Other Engines	4W12 Engine	Wuhan Ryoden 1					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Light truck	Forland	Engine	Other Engines	4W12 Engine	Wuhan Ryoden 2 (Gas machine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Light truck	Forland	Engine	Other Engines	CF465-IAE	Wuhan Ryoden Electric Control System					✓	✓	✓	✓	✓	✓	
Light truck	Forland	Engine	Other Engines	Dongan Mitsubishi Engine	4G18 Engine UMC M797.1					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Fuel pump relay 3. Air conditioning clutch 4. Vehicle maintenance indicator 5. Disable fuel injection Parameter adjustment 1. Carbon canister control valve (%) 2. Delay ignition (°)
Light truck	Forland	Engine	Other Engines	Dongan Mitsubishi Engine	Wuhan Ryoden EMS (National Six Gasoline Engine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Canister solenoid valve 2. Oil pump relay 3. Low speed fan relay 4. High-speed fan relay 5. MIL light 6. SVS light 7. Idle speed control 8. Speed control 9. GPF regeneration special function 1. Flash VIN code
Light truck	Forland	Engine	Other Engines	Dongan Mitsubishi Engine	Wuhan Ryoden EMS (National Six Gas Engine)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Canister solenoid valve 2. Oil pump relay 3. Low speed fan relay 4. High-speed fan relay 5. MIL light 6. SVS light 7. Idle speed control 8. Speed control 9. GPF regeneration special function 1. Flash VIN code

Light truck	Forland	Engine	Other Engines	Sharp Power	UMC System M780					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Fuel pump relay 3. Cooling fan relay #1 4. Cooling fan relay #2 5. Air conditioning clutch 6. Vehicle maintenance indicator (SVS) 7. Stepper motor actuator test 8. Carbon canister control valve 9. Idle speed control 10. Ignition delay 11. Set stepper motor position
Light truck	Forland	Engine	Other Engines	Sharp Power	Wuhan Ryoden Dual Fuel System					✓	✓	✓	✓		
Light truck	Forland	Anti-lock brake	WABCO Electronic Control System							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Repair station code or tester serial number
Light truck	Forland	Anti-lock brake	WABCO ABS_K08								✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light
Light truck	Forland	Anti-lock brake	WABCO ABS_K12							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light special function 1. match / Set up
Light truck	Forland	Anti-lock brake	WABCO ABS_E							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. ABS Warning light 2. Steering shaft left wheel solenoid valve detection 3. Steering shaft right wheel solenoid valve detection 4. Drive shaft left wheel solenoid valve detection 5. Drive shaft right wheel solenoid valve detection
Light truck	Forland	Anti-lock brake	WABCO ABS(Sino truck)							✓	✓	✓	✓	✓	<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
Light truck	Forland	Anti-lock brake	WABCO ABS-E 4S/4M							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Warning light 2. ASR light 3. Trailer warning light

Light truck	Forland	Anti-lock brake	Knorr ABS/ESC							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Outlet valve of solenoid valve on the right side of drive shaft 2. Inlet valve of solenoid valve on the right side of drive shaft 3. Outlet valve of the solenoid valve on the left side of the steering shaft 4. Intake valve of solenoid valve on the left side of steering shaft 5. Outlet valve of the solenoid valve on the right side of the additional shaft 6. Intake valve of the solenoid valve on the right side of the additional shaft 7. Differential 8. Retarder 9. Outlet valve of solenoid valve on the left side of drive shaft 10. Inlet valve of the solenoid valve on the left side of the drive shaft 11. Outlet valve of solenoid valve on the right side of steering shaft 12. Intake valve of the solenoid valve on the right side of the steering shaft
Light truck	Forland	Anti-lock brake	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
Light truck	Forland	Anti-lock brake	Comet ABS (Hydraulic brake 2)							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Model code
Light truck	Forland	Anti-lock brake	Comet ABS (Air brake)							✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code
Light truck	Forland	Anti-lock brake	Dongfeng Technology ABS system (DETC)								✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Warning light test 2. ASR Lamp test match / Set up 1. ASR Features
Light truck	Forland	airbag	Taihang Evergreen AB1.0							✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Read and write VIN 2. Read and write vehicle production date 3. Last read and write ECU Overhaul date 4. Software reset
Light truck	Forland	airbag	Taihang Evergreen (CAN)							✓	✓	✓	✓			
Light truck	Forland	Body stability system	Yuanfeng ABS (CAN line)							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pump motor 2. Left forward liquid valve 3. Left front outlet valve 4. Right forward liquid valve 5. Right front outlet valve 6. Left rear inlet valve 7. Left rear outlet valve 8. Right rear inlet valve 9. Right rear outlet valve 10. ABS Indicator light 11. ESP Indicator light 12. EBD Indicator light 13. Speed limit disabled / Enable 14. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust 3. Wheel speed sensor test 4. data input 5. Software reset

Light truck	Forland	Instrument system	Combination instrument (M3 National Five Special)							√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Engine anti-theft 6. Low oil pressure 7. Braking system failure 8. Parking brake 9. airbag 10. Engine emission failure 11. Engine shutdown 12. Driver's seat belt 13. Engine non-emission related failure 14. Vacuum alarm 15. Turn left 16. Turn right 17. cruise 18. Front fog lights 19. High beam 20. Rear fog lamps 21. Engine warm up
Light truck	Forland	Instrument system	Combination instrument (other types of cars)							√		√	√	√	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures 13. Turn left 14. Turn right 15. cruise 16. Engine warm up 17. Gearbox failure 18. ESP open (ESP jobs / malfunction) 19. Oil-water separation 20. Position light 21. ASR malfunction 	
Light truck	Forland	Electronic power steering system (EPS)	ES4K							√	√	√	√			
Light truck	Forland	Electronic power steering system (EPS)	ES03A							√	√	√	√			
Light truck	Forland	Electronic power steering system (EPS)	Yubei EPS							√	√	√	√		√	<ul style="list-style-type: none"> special function 1. Hardware reset 2. Fast key reset 3. Software reset 4. Write VIN 5. Neutral calibration of steering angle 6. Steering angle neutral position clear
Light truck	Forland	Tire pressure monitoring system								√	√	√	√			
Light truck	Forland	Post-processing system	Kailong SCR							√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Urea injection test special function 1. Fault mask 2. ultra 5, ultra 7 Fault mask 3. VIN
Light truck	Forland	Post-processing system	Wuxi Kailong SCR (National Six)							√	√	√	√	√		<ul style="list-style-type: none"> function test 1. Manually control pump injection
Light truck	Forland	Post-processing system	Aikelan post-processing	Aikelan post-processing						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Compressed air valve 2. Heating water valve 3. Urea supply unit heater 4. Urea suction pipe heater 5. Urea injection tube heater 6. Metering pumps special function
Light truck	Forland	Post-processing system	Aikelan post-processing	Aikelan post-processing (OBD)						√	√	√	√			<ul style="list-style-type: none"> Read vehicle information

Light truck	Forland	Post-processing system	Fuai post-processing							√	√	√	√	√		Action test 1. Start urea metering pump filling scan 2. Start single shot test 3. Start the air solenoid valve / Recovery control valve 4. Start solenoid valve
Light truck	Forland	Post-processing system	Henghe post-processing							√	√	√	√	√		function test 1. Start the urea metering pump status scan 2. Start single shot test 3. Start the air solenoid valve / Withdrawal control valve 4. Start the solenoid valve
Light truck	Forland	Z4 Electric car	motor MCU							√	√	√	√	√		special function 1. Read and write VIN code 2. Write motor code
Light truck	Forland	Z4 Electric car	Battery Management System BMS							√	√	√	√	√		special function 1. Read and write VIN code 2. Write battery code
Light truck	Forland	Z4 Electric car	Charger OBC							√	√	√	√	√		special function 1. Read and write VIN code
Light truck	Aumask - new energy	Vehicle controller								√	√	√	√	√		Action test 1. Motor enable 2. DCDC Hard wire enable 3. Refrigeration approval 4. Heating approval 5. Low speed fan enable 6. High speed fan enable 7. Cooling water pump enable 8. Cooling water pump enable 9. Cooling water pump enable 10. Vacuum pump enable
Light truck	Aumask - new energy	VCU Vehicle controller (16 Bit ,2015)								√	√	√	√	√		Action test 1. Motor enable 2. Cooling water pump enable 3. Refrigeration approval 4. Heating approval 5. Fan approval 6. Cooling fan enable 7. Vacuum pump enable
Light truck	Aumask - new energy	VCU Vehicle controller (16 Bit ,2017)								√	√	√	√	√		Action test 1. Motor enable 2. Cooling water pump enable 3. Refrigeration approval 4. Heating approval 5. Fan approval 6. Cooling fan enable 7. Vacuum pump enable 8. DCDC Enable 9. Reversing light enable 10. Heater water pump delay enable (Reserved) 11. Battery temperature is one level too high 12. Battery temperature is too high 13. Battery temperature is too high three levels 14. Battery temperature is too high four levels (Reserved) 15. The battery temperature difference is one level too large 16. Battery temperature difference is too large 17. Battery temperature difference is too big three levels 18. The battery temperature difference is too big four levels (Reserved)
Light truck	Aumask - new energy	VCU Vehicle controller (32 Bit)								√	√	√	√	√		
Light truck	Aumask - new energy	MCU Motor Controller								√	√	√	√	√		special function 1. Clear the initial angle of the front drive motor rotor 2. Write the initial angle of the front drive motor rotor 3. Read and write VIN code 4. Write supplier code
Light truck	Aumask - new energy	BMS Battery Management System								√	√	√	√	√		special function 1. Read and write VIN code
Light truck	Aumask - new energy	OBC Car charger								√	√	√	√	√		

Light truck	Aumask - new energy	DCDC DC converter								√	√	√	√			
Light truck	Aumask - new energy	Steering motor controller								√	√	√	√		√	special function 1. Write supplier code
Light truck	Ollin - New Energy Series	VCU Vehicle controller (16 Bit ,2017)								√	√	√	√		√	Action test 1. Motor enable 2. Cooling water pump enable 3. Refrigeration approval 4. Heating approval 5. Fan approval 6. Cooling fan enable 7. Vacuum pump enable 8.DCDC Enable 9. Reversing light enable 10. Heater water pump delay enable (Reserved) 11. Battery temperature is one level too high 12. Battery temperature is too high 13. Battery temperature is too high three levels 14. Battery temperature is too high four levels (Reserved) 15. The battery temperature difference is one level too large 16. Battery temperature difference is too large 17. Battery temperature difference is too big three levels 18. The battery temperature difference is too big four levels (Reserved)
Light truck	Ollin - New Energy Series	VCU Vehicle controller (32 Bit)								√	√	√	√			
Light truck	Ollin - New Energy Series	MCU Motor Controller								√	√	√	√		√	special function 1. Clear the initial angle of the front drive motor rotor 2. Write the initial angle of the front drive motor rotor 3. Read and write VIN code 4. Write supplier code
Light truck	Ollin - New Energy Series	BMS Battery Management System								√	√	√	√		√	special function 1. Read and write VIN code
Light truck	Ollin - New Energy Series	OBC Car charger								√	√	√	√			
Light truck	Ollin - New Energy Series	DC converter								√	√	√	√			
Light truck	Ollin - New Energy Series	Steering motor controller								√	√	√	√		√	special function 1. Write supplier code
Light truck	Ollin - New Energy Series	Brake motor controller								√	√	√	√		√	special function 1. Write supplier code
Light truck	Forland - new energy	3T Electric car								√	√	√	√		√	Action test 1. Motor enable 2. Cooling water pump enable 3. Refrigeration approval 4. Heating approval 5. Fan approval 6. Cooling fan enable 7. Cooling water pump enable 8.DCDC Enable
Light truck	Forland - new energy	Vehicle controller								√	√	√	√		√	Action test 1. Motor enable 2.DCDC Hard wire enable 3. Refrigeration approval 4. Heating approval 5. Low speed fan enable 6. High speed fan enable 7. Cooling water pump enable 8. Cooling water pump enable 9. Cooling water pump enable 10. Vacuum pump enable
Light truck	Forland - new energy	VCU Vehicle controller (32 Bit)								√	√	√	√			

Light truck	Forland - new energy	MCU Motor Controller							✓	✓	✓	✓		✓	special function 1. Clear the initial angle of the front drive motor rotor 2. Write the initial angle of the front drive motor rotor 3. Read and write VIN code 4. Write supplier code
Light truck	Forland - new energy	BMS Battery Management System							✓	✓	✓	✓		✓	special function 1. Read and write VIN code
Light truck	Forland - new energy	OBC Car charger							✓	✓	✓	✓			
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	EDC16C39					✓	✓	✓	✓	✓	✓	Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	EDC17C55					✓	✓	✓	✓			
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	EDC17C55 V421					✓	✓	✓	✓		✓	Advanced Features 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	EDC17C63 V41					✓	✓	✓	✓			
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	Foton P978 EDC17C55					✓	✓	✓	✓			
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	Foton P1409 EDC17C81 (With urea . Country five)					✓	✓	✓	✓	✓	✓	Action test 1. Air conditioning compressor test 2. Prohibit power-on time correction 3. Preheat indicator test 4. Glow plug control test 5. OBD Lamp test 6. Fuel metering unit test 7. System light test 8. Rail pressure target value test 9. Downtime test 10. Exhaust brake light test 11. Fuel filter heating test 12. shut down MeIn test 13. Low voltage control glow plug test 14. Fuel consumption display test 15. SCR System injection valve test 16. SCR System pressure pipe heating test 17. SCR System urea tank heating test 18. SCR Urea pump test 19. SCR System back pump test 20. SCR System reflux pipe heating test 21. SCR System urea supply pump test
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	Foton P1409 EDC17C81 +DPF					✓	✓	✓	✓			

M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
M4	M4 (Light truck)	Engine system	Bosch diesel common rail system	Foton P1941_ED C17C81(S CR)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
M4	M4 (Light truck)	Engine system	Foton Cummins Engine						✓	✓	✓	✓			
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	491 Gasoline Engine Delphi system	MT20U (old version)				✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	491 Gasoline Engine Delphi system	MT20U (new version)				✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Fault light 2. Canister solenoid valve 3. Fuel pump relay 4. Air Conditioning Relay 5. Low speed fan 6. High speed fan
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	491 Gasoline Engine Delphi system	MT20U2				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault indicator 2. Canister solenoid valve 3. Fuel pump relay 4. Low speed radiator fan 5. High speed fan 6. Air Conditioning Relay 7. Idle air control motor (Stepping) 8. Idle air control motor (Rotating speed) 9. Idle air control motor reset 10. Ignition advance angle 11. Fuel injector A 12. Fuel injector B 13. Fuel injector C 14. Fuel injector D 15. Air efficiency correction (BLM) Learn 16. Fuel open loop control 17. BLM Reset 18. Oxygen sensor response 19. Gear learning 20. Idle speed catalyst detection special function

M4	M4(Light truck)	Engine system	Beijing Environmental Power	Gasoline Engine Delphi system	MT22U				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Fuel evaporation / Purge valve 3. Electronic fuel pump relay 4. Low speed radiator fan 5. High-speed radiator fan 6. Air conditioning compressor relay 7. Idle speed adjustment 8. Idle speed regulator 9. Fuel open loop control 10.1# Cylinder breaking test 11.2# Cylinder breaking test 12.3# Cylinder breaking test 13.4# Cylinder breaking test 14. Ignition advance 15. Ignition delay 16. Idle catalytic converter monitoring test special function 1. Flash VIN code 2. Write the repair station code or the serial number of the diagnostic tool 3. Write production / Programming date 4. Gear learning
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine	4JJ1-TC Common rail (CAN)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Pre-spray control 2. nozzle 1 Forced drive 3. nozzle 2 Forced drive 4. nozzle 3 Forced drive 5. Cylinder 1 Balance rate test 6. Cylinder 2 Balance rate test 7. Cylinder 3 Balance rate test 8. Cylinder 4 Balance rate test 9. Glow relay control 10. Exhaust brake control 11. Exhaust throttle control function test 1. Fuel pressure control 2. Injection timing control 3. Intake throttle solenoid valve control 4. EGR Solenoid valve control 5. Turbocharger solenoid valve control special function 1. DPD Normal regeneration control 2. DPD Slow regeneration control 3. DPD State reset
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine	4JB1-TCT/TC1(country 3)				✓	✓	✓	✓			<ul style="list-style-type: none"> match / Set up 1. Oil volume control matching 2. Timing match 3. Exhaust gas recirculation /EGR match
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine	Qingling 4JB1_100P country 4(Bosch)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. EGR The electromagnetic valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test function test 1. Start failure information 2. Engine speed comparison special function 1. VIN Code flashing 2. VDS Information flashing 3. Injector data flashing 4. EGR Zero trigger learning 5. Clear ZFC Learning value
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine	Bosch Diesel Country IV (EDC17-26E)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine					✓	✓	✓	✓			

M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JBIT diesel Engine	Bosch diesel common rail system	EDC16C39												<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information 		
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JBIT diesel Engine	Bosch diesel common rail system	EDC17C55														
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JBIT diesel Engine	Bosch diesel common rail system	EDC17C55 V421													<ul style="list-style-type: none"> Advanced Features 1.VIN Code flashing 2.VDS Information flashing 3. Injector data flashing 	
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JBIT diesel Engine	Bosch diesel common rail system	Foton P978 EDC17C55														
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JBIT diesel Engine	Bosch diesel common rail system	Foton P1257 EDC17C63														
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JBIT diesel Engine	Bosch diesel common rail system	Foton P1409 EDC17C81 (DPF)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR(Exhaust gas recirculation) Valve test 4. Prohibit power-on time correction 5. Activate power-on time correction 6. Water in the oil indicator light test 7. Preheat indicator test 8. OBD Lamp test 9. Fuel metering unit (MeUn) test 10. PCV(Crankcase Active Ventilation Control System) test 11. System light test 12. Throttle valve test 13. QWC test 14. EGR(Exhaust gas recirculation) Bypass valve 15. Rail pressure target value test 16. Downtime test 17. Cruise control light test 18. EGR(Exhaust gas recirculation) Self-learning test 19. Engine water temperature display 20. Fuel filter heating test 21. Starter low-end control test
M4	M4(Light truck)	Engine system	Beijing Environmental Power	4JBIT diesel Engine	Bosch diesel common rail system	Foton P1574, P1409V40 EDC17C81 (SCR)														<ul style="list-style-type: none"> 1. Read hierarchical data and VDS code Action test 1. Air conditioning compressor test 2. Preheat indicator test 3. Glow plug control test 4. OBD Lamp test 5. Fuel metering unit test 6. System light test 7. Rail pressure target value test 8. Exhaust brake valve test 9. SCR System injection valve test 10. SCR System pressure pipe heating test 11. SCR System urea tank heating test 12. SCR Urea pump test 13. SCR System back pump test 14. SCR System reflux pipe heating test 15. SCR System urea supply pump test 16. SCR System suction pipe heating test 17. SCR System heating relay test 18. SCR System urea level lamp test 19. SCR System relay test 20. Cylinder breaking test

M4	M4 (Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1734 EDC17C81 (DPF)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	Foton P1941 EDC17C81 (SCR)														<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Supercharger test 3. EGR Valve test 4. MeUn test 5. Throttle valve test 6. EGR Bypass valve 7. Rail pressure target value test 8. EGR Valve self-learning test 9. Throttle valve self-learning test 10. Fuel filter heating test 11. Low speed fan test 12. shut down MeUn test special function 1. Match settings 2. function test 3. replace (Flash)ECU 4. DPF Features 5. EGR Valve position correction value self-learning 6. TVA Self-learning of correction value of valve fully closed position 7. HFM Drift correction value reset 8. LSU Correction value reset
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	4JB1T diesel Engine	Bosch diesel common rail system	VE Pump system														<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	486 gasoline Engine	UMC M780															
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	486 gasoline Engine	Wuhan Ryoden 1															<ul style="list-style-type: none"> special function 1. Read and write VIN code
M4	M4 (Light truck)	Engine system	Beijing Environmental Power	486 gasoline Engine	Wuhan Ryoden 2 (Gas machine)															<ul style="list-style-type: none"> special function 1. Read and write VIN code
M4	M4 (Light truck)	Engine system	Yunnei Engine	Bosch National Three Common Rail System	EDC16UC4_0_Europe III (YN30CR/YN33CR)															<ul style="list-style-type: none"> Action test 1. System lights 2. Air Conditioning Relay 3. Exhaust brake relay 4. Preheat lamp 5. Preheat relay special function 1. cylinder 1 2. cylinder 2 3. cylinder 3 4. cylinder 4
M4	M4 (Light truck)	Engine system	Yunnei Engine	Bosch National Three Common Rail System	EDC16C39_Europe III (D16TCI/D19TCI)															<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 2. Preheat lamp 3. Preheat relay 4. Fault light 5. Start failure information special function 1. Read the injector code 2. Modify the injector code
M4	M4 (Light truck)	Engine system	Yunnei Engine	Bosch National Three Common Rail System	Yunnei EDC16C39 system	EDC16C39 model 1														<ul style="list-style-type: none"> function test 1. Cylinder breaking test

M4	M4(Light truck)	Engine system	Yunnei Engine	Bosch National Three Common Rail System	Yunnei EDC16C39 system	EDC16C39 model 2				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air-conditioning compressor 2. Time calibration correction 3. Light signal test 4. Odometer light test 5. System light test 6. External detector test 7. Cylinder closure test 8. Exhaust lamp valve test 9. Time calibration correction released 10. Engine speed test 11. Lighting control test 12. Front feed pump test 13. Pressure wave correction release 14. Common rail pressure test 15. EGR Coolant output control Engine test 1. high-pressure test 2. Accelerated testing 3. Compression test special function 1. Read the injector code
M4	M4(Light truck)	Engine system	Yunnei Engine	Bosch National Four Common Rail System	Bosch EDC17C53 system	Yunnei P924 EDC17C53 system (Beta)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yunnei Engine	Bosch National Four Common Rail System	Bosch EDC17C53 system	Yunnei P924 EDC17C53 system (K line)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yunnei Engine	Bosch National Four Common Rail System	Bosch EDC17C53 system	Yunnei P924 EDC17C53 system (CAN line)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yunnei Engine	Bosch National Four Common Rail System	Bosch EDC17CV5 4 system	Yunnei P1187 EDC17CV5 4(K)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yunnei Engine	Bosch National Four Common Rail System	Bosch EDC17CV5 4 system	Yunnei P1187 EDC17CV5 4(CAN)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yunnei Engine	Bosch Diesel MD1CE108 (National Six)						✓	✓	✓	✓	✓	✓	<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 pipe 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
M4	M4(Light truck)	Engine system	Yunnei Engine	Delphi Common Rail System (Yunnei Engine National Six DCM7. 24)						✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. write VIN 2. Read all injector codes 3. Write injector code 4. DPF Forced regeneration 5. Vehicle operation DPF regeneration 	
M4	M4(Light truck)	Engine system	Yunnei Engine	VE Pump system							✓	✓	✓		<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure 	
M4	M4(Light truck)	Engine system	Yunnei Engine	Wuhan Ryoden 2(Gas machine)						✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code 	

M4	M4 (Light truck)	Engine system	Yunnei Engine	Dragon pump common rail system													<ul style="list-style-type: none"> Action test 1. Air conditioner actuator 2. Preheat actuator 3. Preheat indicator 4. OBD Fault light 5. System fault light special function 1. Write VIN code 2. write 1 Cylinder injector IQA code 3. write 2 Cylinder injector IQA code 4. write 3 Cylinder injector IQA code 5. write 4 Cylinder injector IQA code 6. write 5 Cylinder injector IQA code 7. write 6 Cylinder injector IQA code 	
M4	M4 (Light truck)	Engine system	Yunnei Engine	UMC ME788 (natural gas) system													<ul style="list-style-type: none"> Action test 1. Engine fault indicator (MIL) 2. Fuel pump relay 3. Cooling fan relay 1 4. Cooling fan relay 2 5. Air conditioning clutch 6. Vehicle maintenance indicator 7. Turbocharger valve special function 1. ECU Power-off reset 	
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (K line)										<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 	
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (CAN line)										<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Start fault information test 	
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV) (CAN line)											
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV) (K line)											<ul style="list-style-type: none"> special function 1. Cylinder breaking test
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system (Universal)	Static data diagnosis											<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system (Universal)	Dynamic data diagnosis											<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal)	Static data diagnosis										<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
M4	M4 (Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Dynamic data diagnosis											<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test

M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40(Universal 2)		✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National IV Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31(K line)		✓	✓	✓	✓	✓				Action test 1. Cylinder breaking test
M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National IV Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31(CAN line)		✓	✓	✓	✓	✓				special function 1. Cylinder breaking test 2. Start fault information test
M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National IV Series	Yuchai Bosch EDC17CV44/CV54 system	Yuchai Bosch EDC17CV44/CV54(R line)		✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National IV Series	Yuchai Bosch EDC17CV44/CV54 system	Yuchai Bosch EDC17CV44/CV54(CAN line)		✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National IV Series	Yuchai Bosch EDC17CV44/CV54 system	Yuchai EDC17 Clear unclearable fault codes (Post-processing)		✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National Five Series	Yuchai Bosch EDC17CV44 system	Yuchai Bosch EDC17CV44(R line)		✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Bosch diesel common rail system	Yuchai Bosch National Five Series	Yuchai Bosch EDC17CV44 system	Yuchai EDC17 Clear unclearable fault codes (Post-processing)		✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System automatic recognition				✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 1			✓	✓	✓	✓	✓				special function 1. Cylinder breaking test
M4	M4(Light truck)	Engine system	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 2			✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 3			✓	✓	✓	✓					
M4	M4(Light truck)	Engine system	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 4			✓	✓	✓	✓					

M4	M4(Light truck)	Engine system	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 5			✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 6			✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Easy control system	Jade Power (YCD4NLL)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Easy control system	Yuchai Power F02 (YCFE)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Easy control system	Easy to control DCU Post-processing				✓	✓	✓	✓	✓		Action test 1. Pump function test
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01(Four cylinder)					✓	✓	✓	✓		special function 1. Cylinder breaking test 2. Idle speed adjustment
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01(Six cylinder)					✓	✓	✓	✓		special function 1. Cylinder breaking test 2. Idle speed adjustment
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02(Four cylinder)					✓	✓	✓	✓		special function 1. Cylinder breaking test 2. Idle speed adjustment
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02(Six cylinder)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Engine R04(ECU4 PH)	Nanyue Unit Pump R04(OBD)			✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Engine R04(ECU4 PH)	Nanyue Unit Pump R04(J1939)			✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Nanyue Unit Pump System	Nanyue Engine off-road ECU022				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Wit System	Wit Unit Pump System (J1939)				✓	✓	✓	✓			
M4	M4(Light truck)	Engine system	Yuchai Engine	Wit System	Wit Unit Pump ECU25 Country four /ECU30 Country five (CAN_500)					✓	✓	✓	✓		Action test 1. Cylinder breaking test 2. Solenoid valve test 3. OBD light 4. Fault diagnosis light 5. Preheat indicator 6. Preheat relay 7. Exhaust brake light 8. Exhaust control valve 9. Electronic fan 10. Forced activation ECU 11. Reset ECU 12. Force shutdown 13. Force boot
M4	M4(Light truck)	Engine system	Yuchai Engine	Wit System	Wit Unit Pump System (RS232)				✓	✓	✓	✓			

M4	M4 (Light truck)	Transmission system	Wanliyan g Transmission System						√	√	√	√	√		Action test 1. ECU Reset
M4	M4 (Light truck)	Anti-lock brake system	Adex ABS						√	√	√	√	√	√	Action test 1. Right front booster valve output 2. Right front pressure reducing valve output 3. Left front booster valve output 4. Left front pressure reducing valve output 5. Right rear booster valve output 6. Right rear pressure valve output 7. Left rear booster valve output 8. Left rear pressure reducing valve output 9. Valve relay output 10. Motor relay output 11. ABS Warning light special function 1. Write controller configuration number 2. Controller configuration writing completed 3. Hardware reset
M4	M4 (Light truck)	Anti-lock brake system	WABCO ABS_K08						√	√	√	√	√		Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light
M4	M4 (Light truck)	Anti-lock brake system	WABCO ABS_K12						√	√	√	√	√	√	Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light special function 1. match / Set up
M4	M4 (Light truck)	Anti-lock brake system	Yuanfeng ABS (CAN line)						√	√	√	√	√	√	Action test 1. Pump motor 2. Left forward liquid valve 3. Left front outlet valve 4. Right forward liquid valve 5. Right front outlet valve 6. Left rear inlet valve 7. Left rear outlet valve 8. Right rear inlet valve 9. Right rear outlet valve 10. ABS Indicator light 11. ESP Indicator light 12. EBD Indicator light 13. Speed limit disabled / Enable 14. Disable relay valve closing special function 1. ABS test 2. Artificial exhaust 3. Wheel speed sensor test 4. data input 5. Software reset



M4	M4 (Light truck)	Anti-lock brake system	Knorr ABS/ESC							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Outlet valve of solenoid valve on the right side of drive shaft 2. Inlet valve of solenoid valve on the right side of drive shaft 3. Outlet valve of the solenoid valve on the left side of the steering shaft 4. Intake valve of solenoid valve on the left side of steering shaft 5. Outlet valve of the solenoid valve on the right side of the additional shaft 6. Intake valve of the solenoid valve on the right side of the additional shaft 7. Differential 8. Retarder 9. Outlet valve of solenoid valve on the left side of drive shaft 10. Inlet valve of the solenoid valve on the left side of the drive shaft 11. Outlet valve of solenoid valve on the right side of steering shaft 12. Intake valve of the solenoid valve on the right side of the steering shaft
M4	M4 (Light truck)	Anti-lock brake system	WABCO EBS (Turkey Euro VI EBS)							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. ESC EOL Features 2. ESC Calibration (No curve) 3. Clear memory bits
M4	M4 (Light truck)	Anti-lock brake system	WABCO automatic emergency braking system AEBS							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. EOL alignment 2. Service alignment 3. Reset AEBS frequency
M4	M4 (Light truck)	Instrument system	Combination instrument							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Engine anti-theft 6. Low oil pressure 7. Braking system failure 8. Parking brake 9. airbag 10. Engine emission failure 11. Engine shutdown 12. Driver's seat belt 13. Engine non-emission related failure 14. Vacuum alarm 15. Turn left 16. Turn right 17. cruise 18. Front fog lights 19. High beam 20. Rear fog lamps 21. Engine warm up
M4	M4 (Light truck)	Instrument system	Combination instrument (Export to Turkey)							✓			✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures 13. Turn left 14. Turn right 15. cruise 16. Engine warm up 17. Gearbox failure 18. ESP open (ESP jobs / malfunction) 19. Oil-water separation 20. Position light 21. ASR malfunction
M4	M4 (Light truck)	Anti-theft system	Anti-theft system IMMO							✓	✓	✓	✓			

M4	M4 (Light truck)	Door controller								✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left turn signal 2. Left front window 3. Right front window 4. Central lock 5. speaker special function 1. Learn the key 2. Erase key 3. data input
M4	M4 (Light truck)	Tire pressure control system								✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Cold tire nominal learning value 2. Set high temperature alarm value 3. Tire Code (Trigger or pressure relief) 4. Tire Code 5. Delete all sensors ID 6. Write VIN 7. Model configuration
M4	M4 (Light truck)	vehicle terminal TBOX								✓	✓	✓	✓			
M4	M4 (Medium truck)	Engine system	Lovol Engine	Revo P1065 EDC17CV4 4 With urea	Revo P1065 EDC17CV4 4 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 18. AdBlue4/2 Access valve 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
M4	M4 (Medium truck)	Engine system	Lovol Engine	Revo P1065 EDC17CV4 4 With urea	Revo P1065 EDC17CV4 4 With urea (CAN)					✓	✓	✓	✓			
M4	M4 (Medium truck)	Engine system	Lovol Engine	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (K)					✓	✓	✓	✓	✓	✓	<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
M4	M4 (Medium truck)	Engine system	Lovol Engine	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (CAN)					✓	✓	✓	✓			
M4	M4 (Medium truck)	Engine system	Cummins Engine							✓	✓	✓	✓			
M4	M4 (Medium truck)	Engine system	Yuchai Engine	Yuchai National Sixth Gas (CNG&LNG)						✓	✓	✓	✓			



M4	M4 (Medium truck)	Engine system	Yunnei Engine	Delphi System (D45)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Rail pressure control test 2. IMV Valve test 3. Fuel injector 1 Close test 4. Fuel injector 2 Close test 5. Fuel injector 3 Close test 6. Fuel injector 4 Close test 7. Engine power balance test 8. Injector drift test 9. Injector prevented from opening test at startup 10. Fuel injector 1 Buzzer test 11. Fuel injector 2 Buzzer test 12. Fuel injector 3 Buzzer test 13. Fuel injector 4 Buzzer test 14. High pressure system hydraulic test 15. Cylinder compression test 16. Minimum drive pulse width update cycle adjustment 17. Minimum driving pulse width learning at idling speed 18. IMV Valve buzzer test special function 1. write VIN 2. Read and write injector code
M4	M4 (Medium truck)	Anti-lock brake system	Dongfeng Technology ABS							✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Warning light test 2. ASR Lamp test match / Set up 1. ASR Features
M4	M4 (Medium truck)	Anti-lock brake system	WABCO ABS_K08							✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light
M4	M4 (Medium truck)	Anti-lock brake system	WABCO ABS_K12							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light special function 1. match / Set up
M4	M4 (Medium truck)	Anti-lock brake system	Knorr ABS/ESC							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Outlet valve of solenoid valve on the right side of drive shaft 2. Inlet valve of solenoid valve on the right side of drive shaft 3. Outlet valve of the solenoid valve on the left side of the steering shaft 4. Intake valve of solenoid valve on the left side of steering shaft 5. Outlet valve of the solenoid valve on the right side of the additional shaft 6. Intake valve of the solenoid valve on the right side of the additional shaft 7. Differential 8. Retarder 9. Outlet valve of solenoid valve on the left side of drive shaft 10. Inlet valve of the solenoid valve on the left side of the drive shaft 11. Outlet valve of solenoid valve on the right side of steering shaft 12. Intake valve of the solenoid valve on the right side of the steering shaft

M4	M4 (Medium truck)	Instrument system	Combination instrument							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Engine anti-theft 6. Low oil pressure 7. Braking system failure 8. Parking brake 9. airbag 10. Engine emission failure 11. Engine shutdown 12. Driver's seat belt 13. Engine non-emission related failure 14. Vacuum alarm 15. Turn left 16. Turn right 17. cruise 18. Front fog lights 19. High beam 20. Rear fog lamps 21. Engine warm up
M4	M4 (Medium truck)	Instrument system	Combination instrument (Export to Turkey)							✓			✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Low fuel 2. High water temperature 3. TPMS Call the police 4. ABS malfunction 5. Low oil pressure 6. Braking system failure 7. Parking brake 8. airbag 9. Engine emission failure 10. Engine shutdown 11. Driver's seat belt 12. Non-emission related failures 13. Turn left 14. Turn right 15. cruise 16. Engine warm up 17. Gearbox failure 18. ESP open (ESP jobs / malfunction) 19. Oil-water separation 20. Position light 21. ASR malfunction
M4	M4 (Medium truck)	Gating system	Door controller							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Left turn signal 2. Left front window 3. Right front window 4. Central lock 5. speaker special function 1. Learn the key 2. Erase key 3. data input
M4	M4 (Medium truck)	Post-processing system	Kailong SCR							✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Urea injection test special function 1. Fault mask 2. ultra 5, ultra 7 Fault mask 3. VIN
M4	M4- new energy (2018)	Vehicle controller								✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. SAS (Steering wheel angle sensor) Calibration
M4	M4- new energy (2018)	Steering motor controller (Shibao)								✓	✓	✓			✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code 2. Corner zero calibration 3. Torque zero calibration 4. Clear the angle median data 5. Hardware reset 6. Software reset

M4	M4- new energy (2018)	Battery manager BMS								✓	✓	✓	✓	✓	✓	<p>Action test</p> <ol style="list-style-type: none"> 1. Close the fast charge positive relay 2. Disconnect fast charge positive relay 3. Close the fast charge negative relay 4. Disconnect fast charge negative relay 5. Close the negative relay 6. Disconnect negative relay 7. Close the positive relay 8. Disconnect positive relay 9. Close the precharge relay 10. Disconnect the precharge relay 11. Close the heating relay 12. Disconnect heating relay <p>special function</p> <ol style="list-style-type: none"> 1. Read and write VIN code 2. EOL Fault simulation battery temperature is too high 3. EOL Fault simulation battery temperature difference is too large
M4	M4- new energy (2018)	Motor Controller MCU								✓	✓	✓	✓		✓	<p>special function</p> <ol style="list-style-type: none"> 1. Clear the initial angle of the front drive motor rotor 2. Write the initial angle of the front drive motor rotor
Auman	Engine	Shangchai Engine	Shangchai Denso DENSO Common rail							✓	✓	✓	✓	✓	✓	<p>Action test</p> <ol style="list-style-type: none"> 1. Cylinder injector injection stop 2. Cylinder injector injection stop 3. Cylinder injector injection stop 4. Cylinder injector injection stop 5. Cylinder injector injection stop 6. Cylinder injector injection stop 7. Fuel leak check function 8. ODDDIS FULTAL Restart function 9. Exhaust brake on / Off function <p>special function</p> <ol style="list-style-type: none"> 1. QR code (4 Cylinder) 2. QR code (6 Cylinder) 3. Electronic control system data modification
Auman	Engine	Shangchai Engine	Woodward CNG system	Woodward natural gas (OH1. 2)						✓	✓	✓	✓			
Auman	Engine	Shangchai Engine	Woodward CNG system	Woodward natural gas (OH2. 2)						✓	✓	✓	✓	✓		<p>Action test</p> <ol style="list-style-type: none"> 1. Cylinder breaking test 2. Broken nozzle test 3. Electronic throttle test 4. Compression test 5. Closed loop test
Auman	Engine	Shangchai Engine	Woodward CNG system	Woodward natural gas (OH6)						✓	✓	✓	✓	✓	✓	<p>Action test</p> <ol style="list-style-type: none"> 1. Engine fault indicator 2. Overheat indicator 3. Lock up 4. Generator prohibited 5. Engine test light 6. Engine brake 7. RSG cruise PTO 8. Low fuel indicator light 9. Starter control 10. cooling fan 1 11. cooling fan 2 12. Fuel gauge 13. EGR Valve system 14. Engine stop indicator 15. Close sparks 1 16. Close sparks 2 17. Close sparks 3 18. Close sparks 4 19. Close sparks 5 20. Close sparks 6 21. Close the injector 1
Auman	Engine	Shangchai Engine	Shangchai Denso (SC8DKQ3 /SC9DKQ3)							✓	✓	✓	✓	✓	✓	<p>Action test</p> <ol style="list-style-type: none"> 1. Cylinder breaking test 2. Engine oil leak inspection 3. Engine exhaust brake inspection 4. Oil pump learning 5. Clear odometer and total fuel usage <p>special function</p> <ol style="list-style-type: none"> 1. Read all QR code 2. write QR code 3. write VIN code 4. write EIN code 5. Read and write vehicle function information

Auman	Engine	Shanghai Engine	Shanghai Denso (9DKQ4)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 2. Oil pump leakage inspection 3. Exhaust brake test 4. Oil pump self-learning 5. Clear odometer and total fuel usage special function 1. Read all QR code 2. write QR code 3. write VIN code 4. write EIN code 5. Read and write vehicle function information
Auman	Engine	Shanghai Engine	Post-processing system	Kailong SCR					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Urea injection test special function 1. Fault mask 2. ultra 5, ultra 7 Fault mask 3.VIN
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (Universal Edition)	Static data diagnosis			✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4.RUN UP test / High speed test 5. Start failure information
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (Universal Edition)	Dynamic data diagnosis			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (For Weichai)	K Line scan			✓	✓	✓	✓			
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (For Weichai)	CAN Line scan			✓	✓	✓	✓			
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (EOL Calibration version)	V46 Diagnosis system			✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Display vehicle operation information Basic Information Calibration data 1. Exhaust brake 2. Engine idle speed fine adjustment 3. Engine start control 4. PTO Rear drive calibration 5. CAN Bus opening 6. Under-car start and stop switch 7. Intake preheating control 8. Maximum speed 9. Vehicle speed sensor features 10. Engine sensor 11. other attachments 12. Dual pedal control 13. Air conditioning control Action test 1. Air Conditioning Relay 2. Diagnostic light 3. Intake air heating relay 4. Cold start light 5. Water lamp in oil

Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (EOL Calibration version)	V46	Data calibration												<ul style="list-style-type: none"> Air conditioning control 1. Air conditioning request switch installation 2. Air conditioning request switch is not installed 3. Air conditioning compressor relay installation 4. Air conditioning compressor relay is not installed Exhaust valve brake control 1. Exhaust valve brake ECU control 2. Exhaust valve brake is not affected ECU control Multi-function switch 1. Install with switch 2. Add switch without installation 3. Add switch reverse 4. Add switch without reverse 5. Minus switch installation 6. Minus switch is not installed 7. Minus switch reverse 8. Minus switch is not reversed 9. Close switch installation 10. Close switch does not install 11. Turn off switch reversed 12. Close the switch is not reversed 13. Recovery switch installation 	
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (EOL Calibration version)	V42	K Line diagnostic system				√	√	√	√						
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC7UC31 series (Country Three)	EDC7UC31 (EOL Calibration version)	V42	CAN Line diagnostic system				√	√	√	√						
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (Country four / Country five)	Weichai Bosch National 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
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (Country four / Country five)	Weichai Bosch National IV EDC17_CANN 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
Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (Country four / Country five)	Weichai Bosch National IV EDC17_CANN 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 11. Urea line heating master relay

Auman	Engine	Weichai Engine	Weichai Bosch	Weichai Bosch EDC17 series (Country four / Country five)	Clear EDC17 Series unclearable fault codes (Post-processing)				√	√	√	√					
Auman	Engine	Weichai Engine	Weichai BEK5 (Special five)						√	√	√	√	√	√	√		<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
Auman	Engine	Weichai Engine	Weichai Autonomus WISE	WISE15 Road country four , National Five or Non-Road Phase Three					√	√	√	√	√	√	√		<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
Auman	Engine	Weichai Engine	Weichai Autonomus WISE	WISE15C Road country five or inland 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 	
Auman	Engine	Weichai Engine	Weichai Autonomus WISE	WISE15 (W P17V8 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 	

Auman	Engine	Weichai Engine	Weichai Autonomo us WISE	Euro 6 (MD1)					√	√	√	√	√			<ul style="list-style-type: none"> Action test 1. Air conditioning relay actuator test 2. Electronically controlled air release valve actuator test 3. EGR Position actuator test 4. Cold start lamp actuator test 5. MIL Lamp actuator test 6. Diesel pre-supply pump actuator test 7. SVS Lamp actuator test 8. Throttle position actuator test 9. VGT Actuator test 10. Exhaust butterfly valve actuator test 11. Heating relay 1 Actuator test 12. Fuel heating actuator test 13. Start relay actuator test 14. fan PWM Drive actuator test 15. Fan digital drive pin 2 Actuator test 16. HC Jet metering method drive actuator test
Auman	Engine	Weichai Engine	Weichai Autonomo us WISE	WISE13A Country five , National Six ; Non-road three , 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
Auman	Engine	Weichai Engine	Weichai Autonomo us WISE	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 (stShutOff) 8. STOP Light control (StopLmp) special function 1. PRV Valve parameter reset
Auman	Engine	Weichai Engine	Weichai Autonomo us WISE	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
Auman	Engine	Weichai Engine	Weichai Autonomo us WISE	WISE12B 12V; Non-road three , Four stages					√	√	√	√				

Auman	Engine	Weichai Engine	Weichai Autonomo us WISE	WISE10A In diesel , Heavy National Six					✓	✓	✓	✓	✓	✓	<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
Auman	Engine	Weichai Engine	Weichai Autonomo us WISE	WISE10B Large bore , Heavy National Six , 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 	
Auman	Engine	Weichai Engine	Weichai Rui Power Series	Sharp power WP2.1 (12V) Country Four BOSCH EDC17C63 /C55 (500K)					✓	✓	✓	✓			
Auman	Engine	Weichai Engine	Weichai Rui Power Series	Sharp power C81 (12V) Country five BOSCH EDC17C81 (500K)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Read and write VIN code 	
Auman	Engine	Weichai Engine	Weichai Rui Power Series	Sharp power WP3 (24V) Country four BOSCH P1124 EDC17CV5 4 (1000K)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. OBD light 2. Flashing light 3. Cold start light 4. Intake air heating relay 5. Pressure line heating 6. Inlet line heating 7. Return line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve 11. Urea line heating master relay 	
Auman	Engine	Weichai Engine	Weichai Rui Power Series	Sharp power YEDC17V3 01 (24V) Country five BOSCH EDC17CV4 4 (1000K, 1/9 Pin)					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. OBD light 2. Flashing light 3. Cold start light 4. Intake air heating relay 5. Pressure line heating 6. Inlet line heating 7. Return line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve 11. Urea line heating master relay 	

Auman	Engine	Weichai Engine	Weichai Rui Power Series	Sharp Power Common Rail BOSCH P1329 EDC17CV54 (1000K)						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. OBD light 2. Flashing light 3. Cold start light 4. Intake air heating relay 5. Pressure line heating 6. Inlet line heating 7. Return line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve 11. Urea line heating master relay special function 1. OEM variables
Auman	Engine	Weichai Engine	Weichai Natural Gas System	Weichai Woodward natural gas (OH1.2)						√	√	√	√			
Auman	Engine	Weichai Engine	Weichai Natural Gas System	Weichai Woodward natural gas (OH2.0/2.2)						√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 2. Broken nozzle test 3. Electronic throttle test 4. Compression test 5. Closed loop test
Auman	Engine	Weichai Engine	Weichai Natural Gas System	Weichai Woodward natural gas (OH5)						√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 2. Broken nozzle test 3. Electronic throttle test 4. Compression test 5. Closed loop test
Auman	Engine	Weichai Engine	Weichai Natural Gas System	Weichai Woodward natural gas (OH6)						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Overheat indicator 3. Lock up 4. Generator prohibited 5. Engine test light 6. Engine brake 7. RSG cruise PTO 8. Low fuel indicator light 9. Starter control 10. cooling fan 1 11. cooling fan 2 12. Fuel gauge 13. EGR Valve system 14. Engine stop indicator 15. Close sparks 1 16. Close sparks 2 17. Close sparks 3 18. Close sparks 4 19. Close sparks 5 20. Close sparks 6 21. Close the injector 1
Auman	Engine	Weichai Engine	Weichai Natural Gas System	Weichai Bosch Natural Gas (EGC4)						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test 2. MIL light 3. System indicator 4. Throttle 5. Cooling fan motor PWM 6. Gas tank high pressure shut-off valve 7. Gas tank low pressure shut-off valve 8. Digital output 0-3 Fan 9. Digital output 1-3 Fan special function 1. ECU Power-off reset
Auman	Engine	Weichai Engine	Weichai Natural Gas System	Weichai Autonomo us Natural Gas WNG						√	√	√	√			
Auman	Engine	Weichai Engine	Weichai Unit Pump System								√	√		√	√	<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 2. Solenoid valve test special function 1. Read the injector code 2. Modify the injector code
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Bosch DNOX1.0 Post-processing						√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Fault indicator 2. AdBlue Pump 3. Vent 4. Air regulating valve 5. Dosing valve 6. AdBlue Tank heating device 7. Pump / Filter heating element 8. Pressure tube / Dosing module heating element 9. Return pipe heating element 10. Input tube heating element 11. Internal hose heating device

Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Bosch DNOX2.0 Post-processing (EDC7UC31)						√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Cooling circuit regulating valve 2. Dosing valve 3. AdBlue Two-position four-way valve 4. AdBlue Tank heating device 5. Filter housing heating element 6. Filter output interface heating element
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Bosch DNOX2.2 Post-processing (ED17CV44)						√	√	√	√	√	√	<ul style="list-style-type: none"> special function 1. Leak test 2. Small injection rate and small injection volume test 3. Medium injection rate and medium injection volume test 4. Large injection rate and large injection volume test 5. EOL test (Build pressure and minimum injection) 6. System empty
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Bosch DNOX2.2/6.5 Post-processing (1/9 communication)						√	√	√	√	√	√	<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 11. Urea line heating master relay
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Bosch DNOX2.2/6.5 Post-processing (6/14 communication)						√	√	√	√	√	√	<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
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Autonomus DCU (Tenneco) Post-processing						√	√	√	√	√	√	<ul style="list-style-type: none"> special function 1. Urea injection test
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Autonomus WISE10A Post-processing						√	√	√	√	√	√	<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



Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai Autonomus WISE10B Post-processing						√	√	√	√	√	<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 20. Electronic control oil pump actuator test
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai WISE15C Post-processing						√	√	√	√	√	<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
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Weichai BEK5 (Special five) Post-processing						√	√	√	√	√	<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
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Kailong SCR system						√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Urea injection test special function 1. Fault mask 2. ultra 5, ultra 7 Fault mask 3. VIN
Auman	Engine	Weichai Engine	Weichai aftertreatment system	Qintai Pump						√	√	√	√		
Auman	Engine	Weichai Engine	Weichai aftertreatment system	VE Nanjing Pump						√	√	√	√		
Auman	Engine	Weichai Engine	Weichai aftertreatment system	VE (Longkou)						√	√	√	√		

Auman	Engine	Weichai Engine	Weichai Gas Engine Controller	WISE17 Road National Five Gas					✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine speed control test 2. MIL Lamp test 3. Fault light test 4. Silicon oil fan test 5. Low pressure shut-off valve test 6. Three-speed fan 1 test 7. Three-speed fan 2 test 8. Oxygen sensor heating test 9. Ignition coils 1 test 10. Ignition coils 2 test 11. Ignition coils 3 test 12. Ignition coils 4 test 13. Ignition coils 5 test 14. Ignition coils 6 test 15. Wastegate valve test 16. Surge valve test
Auman	Engine	Weichai Engine	Weichai Gas Engine Controller	WISE11 Road National Six Gas					✓	✓	✓	✓	✓	<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. EGR Position self-learning actuator test 5. Throttle position self-learning actuator test 6. MIL Lamp actuator test 7. SVS Lamp actuator test 8. Warning Lamp actuator test 9. Stop Lamp actuator test 10. NCD Lamp actuator test 11. Air conditioning relay actuator test 12. Exhaust butterfly valve actuator test 13. Start relay actuator test 14. fan PWM Drive actuator test 15. Fan digital drive pin 1 Actuator test 16. Fan digital drive pin 2 Actuator test 17. Ignition angle actuator test
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 (Xichai dedicated K line)			✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 (Xichai dedicated CAN line)			✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Start failure information 3. match / Set up
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 (Universal)	Dynamic data diagnosis		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC7UC31 series	EDC7UC31 (Universal)	Static data diagnosis		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information

Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40(Universal 1)	Static data diagnosis		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40(Universal 1)	Dynamic data diagnosis		✓			✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC16UC40(Universal 2)			✓	✓	✓	✓			
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Three Series	Bosch EDC16UC40 series	EDC164DF3			✓	✓	✓	✓	✓		<ul style="list-style-type: none"> function test 1. Compression test 1 2. Compression test 2 3. high-pressure test 4.RUN UP test / High speed test Actuator control 1. Fault light is off 2. Cooling light on 3. Exhaust valve open Modify electronic control system data 1. Vehicle identification modification 2. Engine logo modification 3. Car model modification
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV44 series	Xichai Bosch EDC17CV44(K line)			✓	✓	✓	✓	✓	✓	<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
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV44 series	Xichai Bosch EDC17CV44(CAN line)			✓	✓	✓	✓	✓	✓	<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

Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4(UDS) (V720, V750, V762)			✓	✓	✓	✓	✓	✓	<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
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV4 4 series	Clear EDC17CV4 4 Unclear fault code (Post-processing)				✓	✓				
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	Xichai P904 EDC17CV5 4+EGR			✓	✓	✓	✓			
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	Xichai P1074 EDC17CV5 4+EGR (Conway 4DXR/4DW)			✓	✓	✓	✓	✓	✓	<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
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	Xichai P1074 EDC17CV5 4+EGR (4DC2)			✓	✓	✓	✓			
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	Xichai P1074 EDC17CV5 4+EGR (UDS)			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Air conditioning compressor signal 2. Boost pressure actuator test 3. EGR Actuator test 4. Preheat indicator 5. Air intake preheating actuator 6. OBD Indicator light 7. Fuel metering unit 8. Fault indicator 9. Throttle actuator 10. Variable intake valve actuator 11. Substitute value of rail pressure at the time of failure 12. Diagnostic instrument test value 13. Engine speed 14. Cylinder breaking test 15. Modify electronic control system data 16. Compensation

Auman	Engine	Xichai Engine	Bosch diesel common rail	National Four Series	Bosch EDC17CV5 4 series	Xichai P1651 EDC17CV5 4(4DXR/4DW) (VA00 /VB00 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 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 special function 1. Parameter modification 2. DPF Update process
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_Kline			✓	✓	✓	✓	✓	<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 	
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV4 4 series	Xichai Bosch EDC17CV4 4_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 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve 	
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV4 4 series	Clear EDC17CV4 4 Unclear fault code (Post-processing)				✓	✓				
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV5 4 series	Xichai P904 EDC17CV5 4+EGR			✓	✓	✓	✓			

Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV5 4 series	Xichai P1074 EDC17CV5 4+EGR(Commonway 4DXR/4DW)											<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
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV5 4 series	Xichai P1074 EDC17CV5 4+EGR(4DC2)											
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV5 4 series	Xichai P1074 EDC17CV5 4+EGR(UDS)											<ul style="list-style-type: none"> special function 1. Air conditioning compressor signal 2. Boost pressure actuator test 3. EGR Actuator test 4. Preheat indicator 5. Air intake preheating actuator 6. OBD Indicator light 7. Fuel metering unit 8. Fault indicator 9. Throttle actuator 10. Variable intake valve actuator 11. Substitute value of rail pressure at the time of failure 12. Diagnostic instrument test value 13. Engine speed 14. Cylinder breaking test 15. Modify electronic control system data 16. Compensation
Auman	Engine	Xichai Engine	Bosch diesel common rail	National Five Series	Bosch EDC17CV5 4 series	Xichai P1651 EDC17CV5 4(4DXR/4DW)(VA00/VB00 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 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 special function 1. Parameter modification 2. DPF Update process

Auman	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 4DF3 Engine				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off
Auman	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 4DF4 Engine				✓	✓	✓	✓	✓	<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 	
Auman	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 6DF3 Engine	Dynamic data diagnosis			✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test 	
Auman	Engine	Xichai Engine	Bosch diesel common rail	other	Xichai 6DF3 Engine	Static data diagnosis			✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information 	



Auman	Engine	Xichai Engine	Xichai (Hengyang) Unit pump system	Liberation State Four Electronic Control System														<ul style="list-style-type: none"> Input and output control 1. Remote control of air intake preheating relay diagnostic instrument 2. Remote control of intake preheating lamp diagnostic instrument 3. Remote control of exhaust brake relay diagnostic instrument 4. Remote control of exhaust brake light diagnostic instrument 5. Remote control of engine brake relay diagnostic instrument 6. Remote control of engine fault light diagnostic instrument 7. OBD Remote control of fault light diagnostic instrument 8. Remote control of air conditioning relay diagnostic instrument 9. Remote control of starting relay diagnostic instrument 10. Remote control of urea tank water heating valve diagnostic instrument 11. Remote control of urea pipeline heating relay diagnostic instrument 12. Remote control of urea pump heating relay diagnostic instrument
Auman	Engine	Chaocai Engine	National Three Series	Chaocai Bosch Common Rail EDC16UC40(K)	Static data diagnosis													<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Auman	Engine	Chaocai Engine	National Three Series	Chaocai Bosch Common Rail EDC16UC40(K)	Dynamic data diagnosis													<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Auman	Engine	Chaocai Engine	National Three Series	Chaocai Bosch Common Rail EDC16UC40(CAN)														<ul style="list-style-type: none"> Bosch EDC16UC40 V48 1. Action test 2. special function Bosch EDC16UC40 V49 1. Action test 2. special function
Auman	Engine	Chaocai Engine	National Four Series	Chaocai EDC16UC40_CAN (With Kailong SCR)														
Auman	Engine	Chaocai Engine	National Four Series	Chaocai P1188 EDC17CV44	Chao Chai P1188 EDC17CV44 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 18. AdBlue4/2 Access valve 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve

Auman	Engine	Chaochai Engine	National Four Series	Chao Chai P1188 EDC17CV4 4	Chao Chai P1188 EDC17CV4 4 With urea (CAN)												<ul style="list-style-type: none"> Action test (section) 1. Actuator test 2. Start the test 3. Speed comparison test 4. Cylinder breaking test 5. Maintenance reminder clear Action test 1. Air-conditioning compressor 2. Supercharger actuator 3. Preheat indicator test 4. Fault light test 5. Fuel metering actuator test 6. System light test 7. Throttle actuator test 8. Variable eddy current actuator test 9. Alternative rail pressure set point signal test 10. External test value 11. State test of fuel injection characteristics of selected cylinders function test 1. Broken cylinder (Jet off) test 2. Engine speed comparison 3. Start fault information test
Auman	Engine	Chaochai Engine	National Four Series	Chao Chai P880 EDC17CV5 4	Chao Chai P880 EDC17CV5 4+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
Auman	Engine	Chaochai Engine	National Four Series	Chao Chai P880 EDC17CV5 4	Chao Chai P880 EDC17CV5 4+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



Auman	Engine	Chaochai Engine	National Four Series	Chao Chai P1186 EDC17CV5 4 (DCI420)	Chao Chai DCI420 EDC17CV5 4 (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
Auman	Engine	Chaochai Engine	National Four Series	Chao Chai P1186 EDC17CV5 4 (DCI420)	Chao Chai DCI420 EDC17CV5 4 (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
Auman	Engine	Chaochai Engine	National Four Series	Chao Chai P924 EDC17C53															
Auman	Engine	Chaochai Engine	National Four Series	Chao Chai P978 EDC17C55															
Auman	Engine	Chaochai Engine	National Four Series	Chao Chai 485 Type Engine EDC17C04 system															<ul style="list-style-type: none"> Action test 1. Preheat lamp 2. Preheat relay 3. Fault light
Auman	Engine	Chaochai Engine	National Five Series	Chao Chai P880 EDC17CV5 4+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

Auman	Engine	Chaochai Engine	National Five Series	Chaochai P880 EDC17CV54+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
Auman	Engine	Chaochai Engine	Chaochai 4102TMD1CC878(P1969)						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. write VIN 2. Read and write injector code
Auman	Engine	Chaochai Engine	Other series	Chaochai Bosch EDC MS6.2					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air intake preheating relay test 2. Engine brake test 3. Boost pressure solenoid valve test
Auman	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (K line)			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Cylinder breaking test
Auman	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31 (CAN line)			✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Start fault information test
Auman	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV)	Yuchai Bosch EDC7UC31_V70 (CPV) (CAN line)		✓	✓	✓	✓	✓	✓	
Auman	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Yuchai Bosch EDC7UC31_V70 (CPV)	Yuchai Bosch EDC7UC31_V70 (CPV) (K line)		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test
Auman	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Bosch EDC7UC31 system (Universal)	Static data diagnosis		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
Auman	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC7UC31 system	Bosch EDC7UC31 system (Universal)	Dynamic data diagnosis		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Auman	Engine	Yuchai Engine	Bosch system	Yuchai Bosch National III Series	Yuchai Bosch EDC16UC40 system	Yuchai Bosch EDC16UC40 (Universal)	Static data diagnosis		✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve

Auman	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 4					✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 5					✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Yuchai Autonomous System	Yuchai Autonomous Unit Pump YCECU System manual selection	Yuchai Autonomous Unit Pump YCECU model 6					✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Easy control system	Jade Power (YCD4NLL)						✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Easy control system	Yuchai Power F02 (YC4E)						✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Easy control system	Easy to control DCU Post-processing						✓	✓	✓	✓	✓			Action test 1. Pump function test
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 (Four cylinder)						✓	✓	✓	✓	✓			special function 1. Cylinder breaking test 2. Idle speed adjustment
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 (Six cylinder)						✓	✓	✓	✓	✓			special function 1. Cylinder breaking test 2. Idle speed adjustment
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 (Four cylinder)						✓	✓	✓	✓	✓			special function 1. Cylinder breaking test 2. Idle speed adjustment
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 (Six cylinder)						✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03						✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Engine R04 (ECU4PH)	Nanyue Unit Pump R04 (OBD)					✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Engine R04 (ECU4PH)	Nanyue Unit Pump R04 (J1939)					✓	✓	✓	✓				
Auman	Engine	Yuchai Engine	Nanyue Unit Pump System	Nanyue Engine off-road ECU022						✓	✓	✓	✓				

Auman	Engine	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.2 Version (Upgraded version)					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. EGR Throttle actuator (Only 5 Cylinder) 2. EGR valve 3. Glow plug 4. IMV 5. VGT Actuator 6. fan 2 7. fan 1 8. Power relay 9. Engine test light 10. Glow plug 11. Anti-theft indicator output 12. Air Conditioning Relay 13. Auxiliary heater #2 14. Auxiliary heater #1 15. Oil filter indicator 16. Fault light 17. Engine equipment level control 18. Remote start enable output 19. Eddy current actuator special function 1. Cylinder breaking test
Auman	Engine	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.2 Version					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. EGR Throttle actuator (Only 5 Cylinder) 2. EGR valve 3. Glow plug 4. IMV 5. VGT Actuator 6. fan 2 7. fan 1 8. Power relay 9. Engine test light 10. Glow plug 11. Anti-theft indicator output 12. Air Conditioning Relay 13. Auxiliary heater #2 14. Auxiliary heater #1 15. Oil filter indicator 16. Fault light 17. Engine equipment level control 18. Remote start enable output 19. Eddy current actuator special function 1. Cylinder breaking test
Auman	Engine	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi Euro III diesel 3.1 Version					✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Glow plug 2. IMV 3. VGT Valve actuator 4. fan 2 5. fan 1 6. Power relay 7. Engine test light 8. Glow plug 9. Anti-theft indicator output 10. Air Conditioning Relay 11. Auxiliary heater #2 12. Auxiliary heater #1 13. Oil filter indicator special function 1. Cylinder breaking test
Auman	Engine	Yuchai Engine	Delphi System	Delphi Common Rail System	Delphi IV					✓	✓	✓	✓			
Auman	Engine	Yuchai Engine	Delphi System	Delphi Unit Pump System	Delphi Unit Pump					✓	✓	✓	✓			
Auman	Engine	Yuchai Engine	Delphi System	Delphi Unit Pump System	Delphi Unit Pump II					✓	✓	✓	✓			
Auman	Engine	Yuchai Engine	Wit System	Wit Unit Pump System (T1939)						✓	✓	✓	✓			
Auman	Engine	Yuchai Engine	Wit System	Wit Unit Pump ECU25 Country Four /ECU30 Country Five (CAN_500)							✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Cylinder breaking test 2. Solenoid valve test 3. OBD light 4. Fault diagnosis light 5. Preheat indicator 6. Preheat relay 7. Exhaust brake light 8. Exhaust control valve 9. Electronic fan 10. Forced activation ECU 11. Reset ECU 12. Force shutdown 13. Force boot
Auman	Engine	Yuchai Engine	Wit System	Wit Unit Pump System (RS232)						✓	✓	✓	✓			

Auman	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC16UC40 (Country Three)	Static data diagnosis				✓	✓	✓	✓						<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Auman	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17C40 (Country Three)	Dynamic data diagnosis				✓				✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Auman	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 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 18. AdBlue4/2 Access valve 19. SCR Heating reflux curve 20. AdBlue Heating supply module 21. AdBlue Heating draw curve
Auman	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1065 EDC17CV44 With urea	Revo P1065 EDC17CV44 With urea (CAN)			✓	✓	✓	✓						
Auman	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1064 EDC17CV54 band EGR	Revo P1064 EDC17CV54 band EGR (K)			✓	✓	✓	✓	✓	✓	✓			<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
Auman	Engine	Perkins Engine	Bosch diesel common rail	Bosch Common Rail EDC17 (Country four)	Revo P1064 EDC17CV54 band EGR	Revo P1064 EDC17CV54 band EGR (CAN)			✓	✓	✓	✓						
Auman	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Four cylinder					✓	✓	✓	✓			✓			<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment
Auman	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R01 Six cylinder					✓	✓	✓	✓			✓			<ul style="list-style-type: none"> special function 1. Cylinder breaking test 2. Idle speed adjustment

Auman	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R02 Four cylinder						√	√	√	√	special function 1. Cylinder breaking test 2. Idle speed adjustment
Auman	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump R03						√	√	√	√	
Auman	Engine	Perkins Engine	Nanyue Unit Pump System	Nanyue Unit Pump System (J1939)						√	√	√	√	
Auman	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (J1939)						√	√	√	√	
Auman	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (RS232)						√	√	√	√	
Auman	Engine	Perkins Engine	Wit Unit Pump	Wit Unit Pump System (For Yuchai) (RS232)						√	√	√	√	
Auman	Engine	Perkins Engine	Creative master CNG system							√	√	√	√	Action test 1. Detection lamp 2. Carbon canister purification 3. Fuel pump 4. Air conditioning clutch 5. Ignition activation test 6. Injector activation test
Auman	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC4 0 Universal	Static data diagnosis				√	√	√	√	Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Auman	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC4 0 Universal	Dynamic data diagnosis				√	√	√	√	Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Auman	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	EDC17CV5 4 (4DA2-40)					√	√	√	√	
Auman	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV5 4 band EGR	P1329 EDC17CV5 4 band EGR (K)				√	√	√	√	
Auman	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV5 4 band EGR	P1329 EDC17CV5 4 band EGR (CAN)				√	√	√	√	
Auman	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV5 4 band EGR	P1124 EDC17CV5 4 band EGR (K)				√	√	√	√	
Auman	Engine	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV5 4 band EGR	P1124 EDC17CV5 4 band EGR (CAN)				√	√	√	√	

Auman	Engine	Yangchai Engine	Bosch Common Rail System	Sharp Power Common Rail													<ul style="list-style-type: none"> Action test 1. OBD light 2. Flashing light 3. Cold start light 4. Intake air heating relay 5. Pressure line heating 6. Inlet line heating 7. Return line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve 11. Urea line heating master relay special function 1. OEM variables
Auman	Engine	Yangchai Engine	Yangchai long Pump VE Pump system	Longkou VE Pump													
Auman	Engine	Yangchai Engine	Yangchai long Pump VE Pump system	Yang Chai YZ4D Dragon Pump System (Country Three)													<ul style="list-style-type: none"> special function 1. write VIN code 2. write 1 Cylinder injector IQA code 3. write 2 Cylinder injector IQA code 4. write 3 Cylinder injector IQA code 5. write 4 Cylinder injector IQA code 6. write 5 Cylinder injector IQA code 7. write 6 Cylinder injector IQA code
Auman	Engine	Yangchai Engine	Yangchai long Pump VE Pump system	Yang Chai VE Pump Engine													
Auman	Engine	Yangchai Engine	Wit Unit Pump	Wit Unit Pump System (J1939)													
Auman	Engine	Yangchai Engine	Wit Unit Pump	Wit Unit Pump System (RS232)													
Auman	Engine	Yangchai Engine	Wit Unit Pump	Wit Unit Pump System (For Yuchai) (RS232)													
Auman	Engine	Foton Cummins Engine	Cummins Engine														
Auman	automatic transmission	Fast AMT															<ul style="list-style-type: none"> special function 1. ECU Reset
Auman	automatic transmission	ZF Transmission															<ul style="list-style-type: none"> 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
Auman	automatic transmission	ZF check function list															<ul style="list-style-type: none"> special function 1. Speed regulator position 2. Transmission brake gradient 3. Clutch value 4. Vehicle signal

Auman	Anti-lock brake	WABCO Electronic Control System							√	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Input and output control 2. Routine control special function 1. VIN 2. Repair station code or tester serial number
Auman	Anti-lock brake	WABCO ABS_K08							√	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light
Auman	Anti-lock brake	WABCO ABS_K12							√	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light special function 1. match / Set up
Auman	Anti-lock brake	WABCO ABS_E							√	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. ABS Warning light 2. Steering shaft left wheel solenoid valve detection 3. Steering shaft right wheel solenoid valve detection 4. Drive shaft left wheel solenoid valve detection 5. Drive shaft right wheel solenoid valve detection
Auman	Anti-lock brake	WABCO ABS(Sinotruck)							√	√	√	√	√	√	√	<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
Auman	Anti-lock brake	Knorr ABS/ESC							√	√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Outlet valve of solenoid valve on the right side of drive shaft 2. Inlet valve of solenoid valve on the right side of drive shaft 3. Outlet valve of the solenoid valve on the left side of the steering shaft 4. Intake valve of solenoid valve on the left side of steering shaft 5. Outlet valve of the solenoid valve on the right side of the additional shaft 6. Intake valve of the solenoid valve on the right side of the additional shaft 7. Differential 8. Retarder 9. Outlet valve of solenoid valve on the left side of drive shaft 10. Inlet valve of the solenoid valve on the left side of the drive shaft 11. Outlet valve of solenoid valve on the right side of steering shaft 12. Intake valve of the solenoid valve on the right side of the steering shaft
Auman	Anti-lock brake	Knorr EBS/ESP							√	√	√	√	√	√	√	<ul style="list-style-type: none"> special function 1. Read and write VIN code 2. Hardware reset

Auman	Body system	CBCU3 (H5 dedicated)								✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. B19 Right daytime running light 2. A01 Main car rear fog lamp 3. A04 Right corner light 4. A07 Left high beam 5. A05 Main car brake light 6. A09 Left corner light 7. A06 Rearview mirror heating relay 8. B21 Air Horn Solenoid Valve 9. B23 Wiper power relay 10. B24 High wiper / Low speed relay 11. B18 Electric horn relay 12. C46 Night light 13. C48 Washing motor relay 14. C50 Right step light 15. C52 Trailer left turn signal 16. E04 Trailer rear fog lights 17. E05 Right front / Side turn signal 18. E07 Indoor ceiling light 19. E09 left / Right front fog lamp 20. E06 Trailer right turn signal 21. E03 Right low beam
Auman	Body system	Smart CBCU								✓	✓	✓	✓			
Auman	Body system	Foton H4_CBCU								✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Right rear turn signal 2. Trailer left turn signal 3. Front fog lights 4. Left rear turn signal 5. Trailer right turn signal 6. Reversing lights / Reversing buzzer / Reversing radar 7. Left corner light 8. Left reading light 9. Spray motor relay 10. Low speed wiper motor relay 11. Electric horn relay 12. Right reading light 13. Air horn relay 14. Speed lights 1 15. Trailer brake light 16. Brake light 17. Right corner light 18. Cab Dome Light (PWM) 19. Position light / Gallery lights / License Plate Light / Sign light 20. Speed lights 2 21. Trailer reversing lights
Auman	Body system	Foton CBCU3-E								✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Right rear turn signal 2. Trailer left turn signal 3. Front fog lights 4. Left rear turn signal 5. Trailer right turn signal 6. Reversing lights / Reversing buzzer / Reversing radar 7. Left corner light 8. Left reading light 9. Spray motor relay 10. Low speed wiper motor relay 11. Electric horn relay 12. Right reading light 13. Air horn relay 14. Speed lights 1 15. Trailer brake light 16. Brake light 17. Right corner light 18. Cab Dome Light (PWM) 19. Position light / Gallery lights / License Plate Light / Sign light 20. Speed lights 2 21. Trailer reversing lights
Auman	Body system	Weichai H3 Body system								✓	✓	✓	✓			
Auman	Instrument system	H5 Combination instrument								✓	✓	✓	✓			

Auman	Air suspension	Webco Air Suspension (ECAS)							✓	✓	✓	✓	✓	✓	✓	Action test 1. Left rear axle solenoid valve 2. center 3/2 The electromagnetic valve 3. Right lift shaft solenoid valve 4. Right rear axle solenoid valve 5. Left lift shaft solenoid valve 6. Lifting bag solenoid valve 7. Left front axle solenoid valve 8. Quick traction help solenoid valve 9. Right front axle solenoid valve 10. Lift shaft up solenoid valve 11. Lift shaft down solenoid valve 12. Transverse throttle solenoid valve 13. Front center 3/2 The electromagnetic valve 14. Parking solenoid valve 15. Lifting shaft 2 Rising solenoid valve 16. Lifting shaft 2 Drop solenoid valve 17. Connection valve 18. Valve relay 19. Fault light 20. Warning light 21. Lift axis position / Grip lights
Auman	Retarder system	ZF retarder							✓	✓	✓	✓		✓	special function 1. ECU Reset	
Auman	Retarder system							✓	✓	✓	✓					
Auman	Tire pressure system	WABCO Tire Pressure Monitoring System (TPMS)							✓	✓	✓	✓		✓	special function 1. Read and write tires ID 2. Lift shaft configuration 3. Set bridge reference pressure 4. Read and write vehicle configuration 5. ECU Reset	
Auman	Tire pressure system	Sensata Tire Pressure Monitoring System (TPMS)							✓	✓	✓	✓				
Auman	Automatic emergency braking system (AEBS)	Radar system (Knorr)							✓	✓	✓	✓				
Auman	Automatic emergency braking system (AEBS)	Camera system (Knorr)							✓	✓	✓	✓				
Auman	One key to start the controller (PEPS)								✓	✓	✓	✓				
Auman	Panoramic image module (AVM)								✓	✓	✓	✓				
Auman	Hazard warning module (FCE+LDW) Neusoft Reach								✓	✓	✓	✓				
Auman	Shanghai Zhibo Dual Early Warning System (FCW+LDWS)	Shanghai Zhibo Radar System							✓	✓	✓	✓				

Auman	Shanghai Zhibo Dual Early Warning System (FCW+LDWS)	Shanghai Zhibo Camera System							✓	✓	✓	✓			
Auman	Driver condition monitoring controller (FMS)								✓	✓	✓	✓			
Auman	Multimedia belt navigation assembly (TCC)								✓	✓	✓	✓			
Auman	Electronic Horizon System (PCC)								✓	✓	✓	✓			
Auman	OBD	Delphi EOBD	EOBD							✓	✓	✓	✓	Action test 1. Oxygen sensor test result request 2. Request for online monitoring results of emission-related systems	
Auman	OBD	UMC EOBD	EOBD							✓	✓	✓	✓	Action test 1. Oxygen sensor test result request 2. Request for online monitoring results of emission-related systems	
Auman	OBD	Bosch EOBD	EOBD						✓	✓	✓	✓			
Auman	OBD	EOBD Emission diagnosis (ISO15765 CAN)	EOBD Emission diagnosis						✓	✓	✓	✓		1. Read diagnostic data	
Auman	OBD	Engine ECU (Delphi III E_OBD)	EOBD Emission diagnosis							✓	✓	✓	✓	✓	Action test 1. Check light 2. Canister 3. Fuel pump relay 4. Air Conditioning Relay 5. Ignition coils A 6. Ignition coils B 7. Fuel injector A 8. Fuel injector B special function 1. Oxygen sensor offline diagnosis 2. Catalytic converter offline diagnosis 3. Tooth information learning
Auman	OBD	Engine (UMC)	UMC System						✓	✓	✓	✓	✓	Action test 1. Engine fault indicator 2. Fuel pump relay 3. Air conditioning clutch 4. Vehicle maintenance indicator 5. Disable fuel injection Parameter adjustment 1. Carbon canister control valve (%) 2. Delay ignition (°)	
Auman	OBD	4JB1T Engine (Bosch Diesel)	4JB1T Engine EDC16UC39							✓	✓	✓	✓	✓	Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information
Engineering vehicle	Environmental power	diesel Engine	EDC17C55 V421						✓	✓	✓	✓			

Engineering vehicle	Environmental power	gasoline Engine	UMC System						✓	✓	✓	✓	✓				<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Fuel pump relay 3. Air conditioning clutch 4. Vehicle maintenance indicator 5. Disable fuel injection Parameter adjustment 1. Carbon canister control valve (%) 2. Delay ignition (°)
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC40 Universal	Static data diagnosis				✓	✓	✓		✓				<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Bosch National Three Series	Yanchai Bosch EDC16UC40 Universal	Dynamic data diagnosis				✓		✓	✓	✓				<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	EDC17CV54(4DA2-40)					✓	✓	✓	✓					
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV54 band EGR	P1329 EDC17CV54 band EGR (K)				✓	✓	✓	✓					
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai (Weichai) P1329 EDC17CV54 band EGR	P1329 EDC17CV54 band EGR (CAN)				✓	✓	✓	✓					
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV54 band EGR	P1124 EDC17CV54 band EGR (K)				✓	✓	✓	✓					
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Bosch National Four Series	Yang Chai P1124 EDC17CV54 band EGR	P1124 EDC17CV54 band EGR (CAN)				✓	✓	✓	✓					
Engineering vehicle	Yangchai Engine	Bosch Common Rail System	Sharp Power Common Rail						✓	✓	✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. OBD light 2. Flashing light 3. Cold start light 4. Intake air heating relay 5. Pressure line heating 6. Inlet line heating 7. Return line heating 8. Urea pump heating 9. Urea pump reversing valve 10. Urea tank heating solenoid valve 11. Urea line heating master relay special function 1. OEM variables
Engineering vehicle	Yunnei Engine	diesel Engine	EDC16UC40_Europe III(YN30CR/YN33CR)						✓	✓	✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. System lights 2. Air Conditioning Relay 3. Exhaust brake relay 4. Preheat lamp 5. Preheat relay special function 1. cylinder 1 2. cylinder 2 3. cylinder 3 4. cylinder 4
Engineering vehicle	Yunnei Engine	diesel Engine	Delphi Common Rail System (Yunnei Engine National Six DCM7.24)						✓	✓	✓	✓		✓			<ul style="list-style-type: none"> special function 1. write VIN 2. Read all injector codes 3. Write injector code 4. DPF Forced regeneration 5. Vehicle operation DPF regeneration

Engineering vehicle	Yunnei Engine	Gas machine	UMC ME788 (natural gas) system						✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator (MIL) 2. Fuel pump relay 3. Cooling fan relay 1 4. Cooling fan relay 2 5. Air conditioning clutch 6. Vehicle maintenance indicator 7. Turbocharger valve special function 1. ECU Power-off reset
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Ochai EDC7UC31 series	Static data diagnosis				✓	✓	✓	✓		✓	<ul style="list-style-type: none"> special function 1. Cylinder breaking test / Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Ochai EDC7UC31 series	Dynamic data diagnosis				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. Cylinder breaking test 5. Intake manifold preheat relay 6. Air-conditioning compressor special function 1. Start failure information 2. Compression test 3. high-pressure test 4. Accelerated testing 5. Idle speed comparison test
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16	liberati on CR-EDC16UC40 Common Rail System				✓	✓	✓	✓	✓		<ul style="list-style-type: none"> function test 1. Cylinder breaking test 2. Compression test 3. high-pressure test 4. RUN UP test Actuator control 1. Signal test of air conditioner compressor 2. Boost pressure actuator test 3. EGR Actuator test 4. Disable activation of time calibration 5. Allow the activation time to be calibrated using the rotating drum test bench 6. Average engine speed test 7. Signal test of preheat lamp 8. Warm-up control test 9. Fault light test 10. Actuator test of fuel regulator 11. Signal test of pre-supply pump 12. System light test 13. Actuator test of valve valve 14. Variable eddy current actuator test 15. Prohibit pressure fluctuation calibration 16. Speed at low idle set point
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16	liberati on 4D Engine EDC16UC40 system	Static data diagnosis			✓	✓	✓		✓		<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16	liberati on 4D Engine EDC16UC40 system	Dynamic data diagnosis			✓			✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test

Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16	Bosch Common Rail EDC16C39 (4DC2)				✓	✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test function test 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC16	EDC16 4DE3/4DF 3 Bosch Common Rail				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> function test 1. Compression test 1 2. Compression test 2 3. high-pressure test 4. RUN UP test / High speed test Actuator control 1. Fault light is off 2. Cooling light on 3. Exhaust valve open Modify electronic control system data 1. Vehicle identification modification 2. Engine logo modification 3. Car model modification 	
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC17CV5 4/44+EGR (4DC-26E, V740, V760)	liberati on P1074 EDC17CV5 4+EGR_K				✓	✓	✓	✓	✓		
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC17CV5 4/44+EGR (4DC-26E, V740, V760)	liberati on P1074 EDC17CV5 4+EGR_C A N				✓	✓	✓	✓	✓		
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail EDC17CV5 4/44+EGR (4DC-26E, V740, V760)	liberati on P1074 EDC17CV5 4+EGR (UD S)				✓	✓	✓	✓	✓	<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 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 	
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail (6DL, 6DL 1/2, 6DM, 6DF3, WP7, WP10, WP 12)	Xichai EDC7UC31 (K line)				✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Fault light is off 2. Cooling light on 3. Exhaust valve open 4. Signal test of air conditioner compressor 5. Increase pressure actuator test 6. EGR Actuator test 7. Average engine speed test 8. Fault light test 9. Actuator test of fuel regulator 10. System light test 11. Actuator test of valve valve 12. Speed at low idle set point 13. Fuel injection characteristic status of selected cylinder special function 1. Broken cylinder / Break pre-spray test 2. Compression test 3. high-pressure test 4. RUN UP test / High speed test 5. Start failure information Actuator control 1. Fault light is off 	

Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail (6DL, 6DL1/2, 6DM, 6DF3, WP7, WP10, WP12)	Xichai EDC7UC31 (CAN line)					√	√	√	√	√	special function 1. Cylinder breaking test 2. Start failure information 3. match / Set up
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	Bosch Common Rail 4DC-55D (493 type)						√	√	√	√	√	Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test special function 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Engineering vehicle	Dachai Engine	Bosch diesel common rail	National Three Series	4JB1 Bosch Common Rail System						√	√	√	√	Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test Engine test 1. Compression test 2. Accelerated testing 3. high-pressure test	
Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Xichai P1651 EDC17CV5 4 (4DXR/4DW) (VA00 /VB00 EGR)						√	√	√	√	√	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 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 special function 1. Parameter modification 2. DPF Update process

Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV4 4 (4DK, 4DF, 6DM2, CA6DLDD)	liberation P903 EDC17CV4 4 With urea (K)				✓	✓	✓	✓	✓						<p>Action test</p> <ol style="list-style-type: none"> 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 	
Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV4 4 (4DK, 4DF, 6DM2, CA6DLDD)	liberation P903 EDC17CV4 4 With urea (CAN)				✓	✓	✓	✓	✓						<p>Action test</p> <ol style="list-style-type: none"> 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 	
Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV4 4 (4DK, 4DF, 6DM2, CA6DLDD)	Clear EDC17CV4 4 Unclear fault code (Post-processing)						✓	✓								
Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV5 4	liberation P1074 EDC17CV5 4 band EGR (V752, A00, B00)	liberation P1074 EDC17CV5 4 band EGR (Conway 4DXR/4DW) (K)				✓	✓	✓	✓	✓	✓					<p>Action test</p> <ol style="list-style-type: none"> 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 <p>special function</p> <ol style="list-style-type: none"> 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

Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV54	liberati on P1074 EDC17CV54 band EGR (V752, A00, B00)	liberati on P1074 EDC17CV54 band EGR (Conway 4DXR/4DW) (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 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
Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV54	liberati on P1074 EDC17CV54 band EGR (V752, A00, B00)	liberati on P1074 EDC17CV54 band EGR (4DC2) (K)			✓	✓	✓	✓			
Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV54	liberati on P1074 EDC17CV54 band EGR (V752, A00, B00)	liberati on P1074 EDC17CV54 band EGR (4DC2) (CAN)			✓	✓	✓	✓			
Engineering vehicle	Dachai Engine	Bosch diesel common rail	Country four / National Five Series	Bosch Common Rail EDC17CV54	liberati on P1074 EDC17CV54 band EGR (V752, A00, B00)	liberati on P1074 EDC17CV54 band EGR (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 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
Engineering vehicle	Dachai Engine	VE Pump system							✓	✓	✓				<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 1			✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test function test 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 2			✓	✓	✓	✓			<ul style="list-style-type: none"> function test 1. Cylinder breaking test

Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 1)	Static data diagnosis		✓	✓	✓	✓				<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 1)	Dynamic data diagnosis		✓			✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. high-pressure test 5. High speed test
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 2)		✓	✓	✓	✓					
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch 4D22E Type system			✓	✓	✓	✓	✓	✓			<ul style="list-style-type: none"> Action test 1. Preheat lamp 2. Preheat relay 3. Fault light special function 1. Cylinder breaking test 2. Injector data 3. Start failure information
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C04_KWP			✓	✓	✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. Exhaust gas recirculation solenoid valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test special function 1. Read and write VIN code 2. EGR Zero trigger learning 3. Clear ZFC Learning value 4. Read and write nozzle data 5. ECU Reset 6. Clear LTE Features
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C55 (4D1/4B1/4D18E)			✓	✓	✓	✓					
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17CV54(4A/4B/4F1)			✓	✓	✓	✓	✓	✓	✓		<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

Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai Bosch EDC17CV5 4(4A/4B/4F1)				✓	✓	✓	✓	✓	✓	<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
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai Bosch EDC17C63 (Country five)				✓	✓	✓	✓			
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P1687 EDC17C81 (country 5)				✓	✓	✓	✓			
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P_1724 EDC17CV4 4 With urea (country 5)	Quanchai P_1724 EDC17CV4 4 With urea (K)			✓	✓	✓	✓			
Engineering vehicle	Times King Kong	QuanChai Engine	Bosch diesel common rail system	National Five Series	Quanchai P_1724 EDC17CV4 4 With urea (country 5)	Quanchai P_1724 EDC17CV4 4 With urea (CAN)			✓	✓	✓	✓			
Engineering vehicle	Times King Kong	QuanChai Engine	VE Pump system							✓	✓	✓			<ul style="list-style-type: none"> Calibration function 1. Throttle position 2. EGR Valve opening 3. TS Valve stroke 4. Atmospheric pressure
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 1			✓	✓	✓	✓	✓		<ul style="list-style-type: none"> Action test 1. Air conditioning compressor signal test volume 2. Engine speed test 3. Preheat indicator test 4. Preheat controller test 5. Close rail pressure fluctuation revision 6. Idle speed setting value of diagnostic instrument 7. The rail pressure setting substitute value of the diagnostic instrument 8. Turn off the injector signal test 9. ECU Intercooler bypass valve control test function test 1. Fuel rail high pressure test 2. Speed test 3. Compression test 2
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16C39 system	Quanchai Bosch EDC16C39 model 2				✓	✓	✓	✓		<ul style="list-style-type: none"> function test 1. Cylinder breaking test
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 1)	Static data diagnosis		✓	✓	✓		✓		<ul style="list-style-type: none"> Action test 1. high-pressure test 2. Accelerated testing 3. Cylinder breaking test 4. Compression test 5. Start failure information 6. Air conditioning relay drive test 7. Cold start lamp test 8. Exhaust brake valve

Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 1)	Dynamic data diagnosis		✓			✓	✓	✓	Action test 1. Fault light 2. Cold start light special function 1. Start failure information 2. Compression test 3. Idle speed comparison 4. High-pressure test 5. High speed test
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch EDC16UC40 system	Quanchai Bosch EDC16UC40(Universal 2)		✓	✓	✓	✓				
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Three Series	Quanchai Bosch 4D22E Type system			✓	✓	✓	✓	✓	✓	✓	Action test 1. Preheat lamp 2. Preheat relay 3. Fault light special function 1. Cylinder breaking test 2. Injector data 3. Start failure information
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C04_KWP			✓	✓	✓	✓	✓	✓	✓	Action test 1. Air conditioning compressor test 2. Booster pressure actuator 3. Exhaust gas recirculation solenoid valve 4. Preheat indicator 5. Warm-up time control 6. Fault indicator 7. Fuel filter heater 8. Fuel consumption display test special function 1. Read and write VIN code 2. EGR Zero trigger learning 3. Clear ZFC Learning value 4. Read and write nozzle data 5. ECU Reset 6. Clear LTE Features
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17C55 (4D1/4B1/4D18E)			✓	✓	✓	✓				
Engineering vehicle	Beijing King Kong	QuanChai Engine	Bosch diesel common rail system	National Four Series	Quanchai Bosch EDC17CV54(4A/4B/4F1)			✓	✓	✓	✓	✓	✓	✓	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



Engineering vehicle	Lovol Engine	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (K)						✓	✓	✓	✓	✓	✓	<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
Engineering vehicle	Lovol Engine	Revo P1064 EDC17CV5 4 band EGR	Revo P1064 EDC17CV5 4 band EGR (CAN)						✓	✓	✓	✓			
PU201	Engine	UMC M7							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Fuel pump relay 3. Cooling fan relay #1 4. Cooling fan relay #2 5. Air conditioning clutch 6. Vehicle maintenance indicator (SVS) 7. Throttle valve position 8. Disable fuel injection 9. Reset ECU Self-learning value 10. Reset long-term fuel self-learning adjustment 11. Carbon canister control valve (%) 12. Idle speed control 13. Ignition delay 	
PU201	Engine	UMC ME7							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Engine fault indicator 2. Fuel pump relay 3. Cooling fan relay #1 4. Cooling fan relay #2 5. Air conditioning clutch 6. Vehicle maintenance indicator (SVS) 7. Throttle valve position 8. Disable fuel injection 9. Reset ECU Self-learning value 10. Reset long-term fuel self-learning adjustment 11. Carbon canister control valve (%) 12. Idle speed control 13. Ignition delay 	
PU201	Body control system	ATECH							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Power windows 2. Washing and wiper 3. Central lock 4. light special function 1. Reset body system 2. Key matching 3. Activate anti-theft speaker 	
PU201	airbag	Continental							✓	✓	✓	✓	✓	<ul style="list-style-type: none"> Action test 1. Airbag warning light 2. PADL light 3. Activate collision CAN Output #1 4. Activate collision HW Output #2 5. Seat belt warning device special function 1. ECU Reset 	

H4	Engine	Weichai Engine	EDC17CV4 4(K line)						✓	✓	✓	✓	✓	✓	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
H4	Engine	Cummins Engine							✓	✓	✓	✓			
H4	Anti-lock brake	WABCO ABS_K12							✓	✓	✓	✓	✓	✓	Action test 1. Left guide wheel shaft 2. Right guide wheel shaft 3. Left drive axle 4. Right drive axle 5. Left third axle 6. Right third axle 7. DIF Valve standard pulse 8. ASR light 9. Warning light special function 1. match / Set up
H4	Body system	Foton H4_CBCU							✓	✓	✓	✓	✓	✓	Action test 1. Right rear turn signal 2. Trailer left turn signal 3. Front fog lights 4. Left rear turn signal 5. Trailer right turn signal 6. Reversing lights / Reversing buzzer / Reversing radar 7. Left corner light 8. Left reading light 9. Spray motor relay 10. Low speed wiper motor relay 11. Electric horn relay 12. Right reading light 13. Air horn relay 14. Speed lights 1 15. Trailer brake light 16. Brake light 17. Right corner light 18. Cab Dome Light (PWM) 19. Position light / Gallery lights / License Plate Light / Sign light 20. Speed lights 2 21. Trailer reversing lights
H4	Body system	Foton CBCU3-E							✓	✓	✓	✓	✓	✓	Action test 1. Right rear turn signal 2. Trailer left turn signal 3. Front fog lights 4. Left rear turn signal 5. Trailer right turn signal 6. Reversing lights / Reversing buzzer / Reversing radar 7. Left corner light 8. Left reading light 9. Spray motor relay 10. Low speed wiper motor relay 11. Electric horn relay 12. Right reading light 13. Air horn relay 14. Speed lights 1 15. Trailer brake light 16. Brake light 17. Right corner light 18. Cab Dome Light (PWM) 19. Position light / Gallery lights / License Plate Light / Sign light 20. Speed lights 2 21. Trailer reversing lights

H4	Body system	CBCU3 (H5 dedicated)								√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. B19 Right daytime running light 2. A01 Main car rear fog lamp 3. A04 Right corner light 4. A07 Left high beam 5. A05 Main car brake light 6. A09 Left corner light 7. A06 Rearview mirror heating relay 8. B21 Air Horn Solenoid Valve 9. B23 Wiper power relay 10. B24 High wiper / Low speed relay 11. B18 Electric horn relay 12. C46 Night light 13. C48 Washing motor relay 14. C50 Right step light 15. C52 Trailer left turn signal 16. E04 Trailer rear fog lights 17. E05 Right front / Side turn signal 18. E07 Indoor ceiling light 19. E09 left / Right front fog lamp 20. E06 Trailer right turn signal 21. E03 Right low beam
H4	Body system	Smart CBCU								√	√	√	√			
Rowor	Quick fault code (Bosch)									√	√	√	√			
Rowor	Engine	Weichai Engine (Bosch)								√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. function test
Rowor	Engine	Xichai Engine (Bosch)								√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. function test
Rowor	Engine	Yuchai Engine (Bosch)								√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Exhaust throttle valve for engine brake 2. Fault light 3. Cold start light 4. function test
Rowor	Engine	Shangchai DENSO Common rail Engine								√	√	√	√	√	√	<ul style="list-style-type: none"> Action test 1. Cylinder injector injection stop 2. Cylinder injector injection stop 3. Cylinder injector injection stop 4. Cylinder injector injection stop 5. Cylinder injector injection stop 6. Cylinder injector injection stop 7. Fuel leak check function 8. ODDDIS FULTAL Restart function 9. Exhaust brake on / Off function special function 1. QR code (4 Cylinder) 2. QR code (6 Cylinder) 3. Electronic control system data modification
Rowor	Engine	Light Diesel Bosch System								√	√	√	√	√		<ul style="list-style-type: none"> Action test 1. Air conditioning compressor test 2. Time calibration correction released 3. Time calibration correction 4. Engine speed test 5. Light signal test 6. Lighting control test 7. Odometer light test 8. Front feed pump test 9. System light test 10. Pressure waveform correction released 11. External detector test 12. Common rail pressure test 13. Cylinder closure test 14. EGR Cooler output test 15. Exhaust valve lamp test special function 1. Compression test 2. Accelerated testing 3. high-pressure test 4. Cylinder breaking test 5. Start failure information