

CUMMINS

Vehicle info.					ECU info.		Functions						
Brand	Series	Models	Oil	Year	ECU group	Engine model /ECU name	Identification	Read Memory	Erase Memory	Actual values	Actuators	special functions	Comments
						CUMMINSChina IVsystemAuto search	√	√	√	√	√	√	Fuel injector flash, Fuel injector flash, CBS reset,Read the Characteristics and parameters, OEM information, Engine serial, customer information, Remote accelerator pedal or lever, J1939 control, OEM Atmospheric temperature sensor, PTO, SAE J1939 multiplex communication, AT setup ,The speed sensors anti interference characteristics, The charging motor fault alarm, Drive train protection, Idle downtime, The electrical system voltage, The governor set, Engine protect, Engine coolant level sensor, Engine control, Fan control, post-processing, Shift down protection, intake heater, Switch adjustable rate, The biggest engine speed switch control, Variable speed vehicle speed management, Idle speed adjust, AC control, Fast idle preheating, The clutch pedal switch position, Starting motor lock, Water sensor, Maintenance monitoring, Brake switch, cruise control , cruise control and engine brake interaction, cruise control switch setup, The throttle interlocking
													Fuel injector flash, Fuel injector flash, CBS reset,Read the Characteristics and parameters,

CUMMINSChina IIIsystemAuto search	√	√	√	√	√	√	OEM information, Engine serial, customer information, Remote accelerator pedal or lever, J1939 control, OEM Atmospheric temperature sensor, PTO, , AT setup ,The speed sensors anti interference characteristics, The charging motor fault alarm, Drive train protection, Idle downtime, The electrical system voltage, The governor set, Engine protect, Engine coolant level sensor, Engine control, Fan control, post- processing, Shift down protection, intake heater, Switch adjustable rate, The biggest engine speed switch control
ISDe Engine(China III)	√	√	√	√	√	√	Fuel injector flash, Fuel injector flash, CBS reset,Read the Characteristics and parameters, OEM information, Engine serial, customer information, Remote accelerator pedal or lever, J1939 control, OEM Atmospheric temperature sensor, PTO, , AT setup ,The speed sensors anti interference characteristics, The charging motor fault alarm, Drive train protection, Idle downtime, The electrical system voltage, The governor set, Engine protect, Engine coolant level sensor, Engine control, Fan control, post- processing, Shift down protection, intake heater, Switch adjustable rate, The biggest engine speed switch control
							Fuel injector flash, Fuel injector flash, CBS reset,Read the

								Characteristics and parameters, OEM information, Engine serial, customer information, Remote accelerator pedal or lever, J1939 control, OEM Atmospheric temperature sensor, PTO, AT setup ,The speed sensors anti interference characteristics, The charging motor fault alarm, Drive train protection, Idle downtime, The electrical system voltage, The governor set, Engine protect, Engine coolant level sensor, Engine control, Fan control, post-processing, Shift down protection, intake heater, Switch adjustable rate, The biggest engine speed switch control
			√	√	√	√	√	√
	ISLe Engine(China III)							
								Fuel injector flash, Fuel injector flash, CBS reset,Read the Characteristics and parameters, OEM information, Engine serial, customer information, Remote accelerator pedal or lever, J1939 control, OEM Atmospheric temperature sensor, PTO, AT setup ,The speed sensors anti interference characteristics, The charging motor fault alarm, Drive train protection, Idle downtime, The electrical system voltage, The governor set, Engine protect, Engine coolant level sensor, Engine control, Fan control, post-processing, Shift down protection, intake heater, Switch adjustable rate, The biggest engine speed switch control
			√	√	√	√	√	√
	ISF Engine(China III)							
								Fuel injector flash, Travel information reset,

								<p>Read the Characteristics and parameters, OEM information, Engine serial, customer information, Remote accelerator pedal or lever, J1939 control, OEM Atmospheric temperature sensor, PTO, SAE J1939 multiplex communication, AT setup ,The speed sensors anti interference characteristics, The charging motor fault alarm, Drive train protection, Idle downtime, The electrical system voltage, The governor set, Engine protect, Engine coolant level sensor, Engine control, Fan control, post-processing, Shift down protection, intake heater, Switch adjustable rate, The biggest engine speed switch control, Variable speed vehicle speed management, Idle speed adjust, AC control, Fast idle preheating, The clutch pedal switch position, Starting motor lock, Water sensor, Maintenance monitoring, Brake switch, cruise control , cruise control and engine brake interaction, cruise control switch setup, The throttle interlocking</p>
			√	√	√	√	√	√
		ISDe China IV+post-processingSCR						
								<p>Fuel injector flash, CBS reset, Common Rail Fuel injector reset, post-processingSCR Catalysts desulfurization regeneration, post-processing High Nox reduction, ECM modify Parameters, systemID and nameplate, J1939 control, Engine coolant temperature</p>

									sensor, intake heater, Idle speed adjust, The clutch pedal position sensor, Start the motor lock, Fuel oil water switch sensor, The governor set, The parking brake switch, maintenance setup, cruise control , cruise control and engine brake interaction, Remote accelerator pedal or lever, Remote starting, The throttle interlocking, Users can adjust the fuel economy, Tyre wear adjustment, Variable speed vehicle acceleration management, Shift down protection, Based on the speed of load control, SCRpost-processing, Travel information, Fan control, immobilizer, PTO, The biggest engine speed switch control, Ambient air temperature sensor is enabled, High sulfur content protection, Charger fault alarm, The electrical system voltage, Engine protect, Engine brake control, Brake switch, The throttle option (category), ,The speed sensors anti interference characteristics, Oil cylinder fault test, Fan super control test, Fuel SystemLeak testing, Fast idle preheating test, intake heater super control test, Starting motor lock relay driver super control test, dynamometer test, Engine condition monitoring, diesel engine Exhaust treatment fluid injection unit test,
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								post-processing diesel engine Exhaust treatmentLeak testing, diesel engine Exhaust treatment,The injection unit air solenoid valve audible test, diesel Exhaust treatmentInjection system heater test, post- processingSCR Catalysts desulfurization regeneration, post-processing High Nox reduction, SAE J1939 Data communication interface control test, post- processingSCR performance test , Fuel injector flash, Common Rail Fuel injector reset, CBS reset, Air pressure switch The clutch pedal switch, The coolant fluid level sensor -, cruise control
								ISLe China IV+post- processingSCR
								Fuel injector flash, CBS reset, Common Rail Fuel injector reset, post- processingSCR Catalysts desulfurization regeneration, post-processing High Nox reduction, ECM modify Parameters, systemID and nameplate, J1939 control, Engine coolant temperature sensor, intake heater, Idle speed adjust, The clutch pedal position sensor, Start the motor lock, Fuel oil water switch sensor, The governor set, The parking brake switch, maintenance setup, cruise control , cruise control and engine brake interaction, Remote accelerator pedal or lever, Remote starting, The throttle interlocking, Users can adjust the fuel economy, Tyre wear

CUMMINS		Enginesystem		√	√	√	√	√	adjustment, Variable speed vehicle acceleration management, Shift down protection, Based on the speed of load control, SCRpost-processing, Travel information, Fan control, immobilizer, PTO, The biggest engine speed switch control, Ambient air temperature sensor is enabled, High sulfur content protection, Charger fault alarm, The electrical system voltage, Engine protect, Engine brake control, Brake switch, The throttle option (category), ,The speed sensors anti interference characteristics, Oil cylinder fault test, Fan super control test, Fuel SystemLeak testing, Fast idle preheating test, intake heater super control test, Starting motor lock relay driver super control test, dynamometer test, Engine condition monitoring, diesel engine Exhaust treatment fluid injection unit test, post-processing diesel engine Exhaust treatmentLeak testing, diesel engine Exhaust treatment,The injection unit air solenoid valve audible test, diesel Exhaust treatmentInjection system heater test, post-processingSCR Catalysts desulfurization regeneration, post-processing High Nox reduction, SAE J1939 Data communication interface control test, post-processingSCR
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ISF China IV+post-processingSCR							performance test , Fuel injector flash, Common Rail Fuel injector reset, CBS reset, Air pressure switch-, The throttle interlocking Idle speed adjust
ISBe(4/6) Engine	√	√	√	√			
ISBe4(4/6) Engine	√	√	√	√			
ISLe4 Engine	√	√	√	√			
ISM Engine	√	√	√	√			
							Fuel injector flash, CBS reset, Read the Characteristics and parameters, OEM information, Engine serial, customer information, Remote accelerator pedal or lever, J1939 control, OEM Atmospheric temperature sensor, PTO, SAE J1939 multiplex communication, AT setup ,The speed sensors anti interference characteristics, The charging motor fault alarm, Drive train protection, Idle downtime, The electrical system voltage, The governor set, Engine protect, Engine coolant level sensor, Engine control, Fan control, post-processing, Shift down protection, intake heater, Switch adjustable rate, The biggest engine speed switch control, Variable speed vehicle speed management, Idle speed adjust, AC control, Fast idle preheating, The clutch pedal switch position, Starting motor lock, Water sensor, Maintenance monitoring, Brake switch, cruise control , cruise control and engine brake interaction, cruise control switch
	√	√	√	√			

ISF2.8(FOTONPickup)							setup, The throttle interlocking
BGECNG Engine	√	√	√	√			
(J1939_OBD)	√	√	√	√		√	CBS reset
ISBe_24V(J1939_OBD)	√	√	√	√			
ISDe_24V(J1939_OBD)	√	√	√	√			CBS reset
ISLe_24V(J1939_OBD)	√	√	√	√			CBS reset
ISMe_24V(J1939_OBD)	√	√	√				
ISZe_24V(J1939_OBD)	√	√	√	√			CBS reset
							Fuel injector flash, Common Rail Fuel injector resetsystemID and nameplate, CBS reset, The throttle interlocking, Idle speed adjust, SCRpost-processing, Charger fault alarm, The clutch pedal switch position, cruise control , cruise control and engine brake interaction, cruise control switch configuration, The electrical system voltage, Engine brake control, The coolant fluid level sensor, oil pressure sensor, Engine protect, Engine hot run protection, Fan control, Fast idle preheating, Shift down protection, The governor set, High nox reduction, Common Rail Fuel injector reset, High sulfur content protection, Idle downtime, immobilizer, intake heater, J1939 control, Based on the speed of load control, Maintenance monitoring, OEM Ambient air temperature
	√	√	√	√	√	√	

ISG10.5/ISG11.8
Engine(China IV)-BDS

sensor, The parking brake switch, Drive train protection, PTO

Fuel injector flash, Common Rail Fuel injector reset, CBS reset, Travel information, systemID and nameplate, The throttle interlocking, The accelerator pedal options, Idle speed adjust, AC control, Charger fault alarm, The clutch pedal switch position, cruise control , engine brake interaction, cruise control switch configuration, , The electrical system voltage, Engine brake control, The coolant fluid level sensor, oil pressure sensor, Engine protect, Engine hot run protection, Fan control, Fast idle preheating, Shift down protection, The governor set, Common Rail Fuel injector reset, Idle downtime, immobilizer, intake heater, J1939 control, Based on the speed of load control, Maintenance monitoring, OEM Ambient air temperature sensor, The parking brake switch, Drive train protection, PTO, Remote accelerator pedal or lever, remote boot, Road speed regulator, SAE J1939 multiplex communication, Brake switch, Starting motor lock, The biggest engine speed switch control, Tyre wear adjustment, AT setup Travel information, The user can adjust fuel economy, Variable speed vehicle speed management, The speed

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ISF3.8 CM2220
F103/F115
Engine(China IV)-BDX

sensors anti
interference,
Water sensor,
SCRpost-
processing, High
nox reduction,
High sulfur
content protection

Fuel injector
flash, Common
Rail Fuel injector
reset,
MaintainCBS
reset, Travel
information,
systemID and
nameplate, The
throttle
interlocking, The
accelerator pedal
options, Idle
speed adjust, AC
control, Charger
fault alarm, The
clutch pedal
switch position,
cruise control ,
cruise control and
engine brake
interaction, cruise
control switch
configuration, ,
The electrical
system voltage,
Engine brake
control, The
coolant fluid level
sensor, oil
pressure sensor,
Engine protect,
Engine hot run
protection, Fan
control, Fast idle
preheating, Shift
down protection,
The governor set,
Common Rail
Fuel injector
reset, Idle
downtime,
immobilizer,
intake heater,
J1939 control,
Based on the
speed of load
control,
Maintenance
monitoring, OEM
Ambient air
temperature
sensor, The
parking brake
switch, Drive
train protection,
PTO, Remote
accelerator pedal
or lever,remote
boot, Road speed
regulator, SAE
J1939 multiplex
communication,
Brake switch,
Starting motor
lock, The biggest
engine speed
switch control,
Tyre wear
adjustment, AT
setup Travel
information, The
user can adjust
fuel economy,

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									switch control, Tyre wear adjustment, AT setup Travel information, The user can adjust fuel economy, Variable speed vehicle speed management, The speed sensors anti interference, Water sensor, SCRpost- processing, High nox reduction, High sulfur content protection
			ISF3.8 CM2220 F110 Engine(China IV)-BFF						

