

Diagnostic List CAT_v8.12

Remark:

1. ✓ : means that the system has this function

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

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

Model	System	System	Function					Remarks (Other functions)
			Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	
CAT	CAT construction machinery	Engine control module	✓	✓	✓	✓	-	Read history DTC;Read Event Code
CAT	CAT construction machinery	Hydraulic system	✓	✓	✓	✓	✓	Read history DTC;Read Event Code
CAT	CAT construction machinery	Engine control module	✓	✓	✓	✓	-	Read history DTC;Read Event Code
CAT	CAT construction machinery	Hydraulic system	✓	✓	✓	✓	✓	Read history DTC;Read Event Code
CAT	CAT construction machinery		✓	✓	-	✓	✓	Configuration
CAT	CAT construction machinery	Engine control module	✓	✓	✓	✓	-	Read history DTC;Read Event Code
CAT	CAT construction machinery	Hydraulic system	✓	✓	✓	✓	✓	Read history DTC;Read Event Code
CAT	CAT construction machinery	Engine control module	✓	✓	-	✓	-	Injector data
CAT	CAT construction machinery	Hydraulic system	✓	✓	✓	✓	✓	Read history DTC;Read Event Code
CAT	CAT construction machinery	Monitor system	✓	-	-	-	-	-
CAT	CAT construction machinery	Engine control module	✓	✓	-	✓	-	Injector data
CAT	CAT construction machinery	Hydraulic system	✓	✓	✓	✓	✓	Read history DTC;Read Event Code
CAT	CAT construction machinery	Monitor system	✓	-	-	-	-	-
CAT	CAT bus		✓	✓	-	✓	✓	Configuration;advanced function
CAT	CAT heavy duty	Engine control module	✓	-	-	✓	-	-
CAT	CAT detection	Hydraulic system	✓	✓	✓	✓	✓	Read history DTC;Read Event Code
CAT	CAT HD(CDL)	C(Engine)	✓	✓	✓	✓	✓	Special Functions
CAT	CAT HD(J1708)		✓	✓	✓	✓	✓	Read history DTC;Read Event Code
CAT	CAT HD(J1939)		✓	✓	✓	✓	✓	Ash Service Regenration
CAT	Construction Machinery(CDL)		✓	✓	✓	✓	✓	-
CAT	Construction Machinery(J1939)	C9 Industrial #1	✓	✓	✓	✓	✓	Ash Service Regenration;Configuration
CAT	Construction Machinery(J1939)	Machine Control 336D2 GC	✓	✓	✓	✓	-	-
CAT	Construction Machinery(J1939)	C9 336E(J1939)	✓	✓	✓	✓	-	-
CAT	Construction Machinery(CDL)	Product link	✓	✓	✓	✓	✓	Maintenance Paramerters;PLM installation Parameters; PLM Report Configuration Parameters;System Settings;Digital Input Configuration
CAT	Construction Machinery(CDL)	Machine Control 324D	✓	✓	✓	✓	✓	Engine Speed calibration;Modulation input calibration
CAT	Construction Machinery(CDL)	Machine Control 236	✓	✓	✓	✓	✓	Modulation input calibration
CAT	Construction Machinery(CDL)	Machine Control 420	✓	✓	✓	✓	✓	Transmission Configuration;Hydraulic Configurations;Valve Calibration Currents
CAT	Construction Machinery(CDL)	C 50(Engine)	✓	✓	✓	✓	✓	Configuration;Injector data
CAT	Construction Machinery(CDL)	Powertrain D7	✓	✓	✓	✓	-	FNR Shifter Sensor Calibration;Brake touch up pressure calibra(Manual)
CAT	Construction Machinery(CDL)	Powertrain D6	✓	✓	✓	✓	-	FNR Shifter Sensor Calibration;Brake touch up pressure calibra(Manual)
CAT	Construction Machinery(CDL)	Machine Control 246	✓	✓	✓	✓	✓	Monitor Throttle Position Sensor;Pump and Motor Solenoid Calibration;Bucket solenoid calibraiton;Control Lever Calibrations
CAT	Construction Machinery(CDL)	Transmission 938	✓	✓	✓	✓	-	Neutralization setpoint adjustment
CAT	Construction Machinery(CDL)	Machine Control 299(CDL)	✓	✓	✓	✓	✓	Automatic Governor Actuator Calibration;Blade Solenoid Calibration;Pump and Motor Solenoid Calibration;Engine Cooling Fan Calibration;current totals
CAT	Construction Machinery(CDL)	Implement D8T	✓	✓	✓	✓	-	Control Lever Calibrations;current totals
CAT	Construction Machinery(CDL)	Powertrain D8T	✓	✓	✓	✓	-	Brake touch up pressure calibra(Manual);current totals
CAT	Construction Machinery(CDL)	C15 D8(Engine)	✓	✓	✓	✓	✓	current totals
CAT	Construction Machinery(CDL)	330C HEX CONTROL(Hyd Pump Control)	✓	✓	✓	✓	-	advanced function
CAT	Construction Machinery(CDL)	Powertrain R1300	✓	✓	✓	-	-	-
CAT	Construction Machinery(CDL)	Excavator 311C	✓	✓	✓	-	-	-
CAT	Construction Machinery(CDL)	Hyd Pump Control 322C	✓	✓	-	✓	-	Configuration
CAT	CAT HD(J1708)	C7 Truck	✓	✓	✓	✓	✓	Configuration