



Cummins Encore Xtra™ Inspection Checklist for EPA 2017 & 2021 Automotive Engine Coverage

This inspection and form must be completed by an authorized Cummins repair location prior to the certificate issue. A copy of this checklist and any other attachments must be attached to the Extended Coverage certificate and retained by repairing location, customer and distributor (if inspection is not performed by a distributor).

To qualify for coverage, participating engine must be within the listed years and mileage from DIS to qualify.

HD 2021 Performance Series Engines - Maximum years and mileage with coverage is 6 years/600,000 miles.

- 1 year/100,000 mile duration option: X15 (5 years/500,000 miles)
- 2 year/200,000 mile duration option: X15 (4 years/400,000 miles)

HD 2021 Efficiency Series & 2017 Engines - Maximum years and mileage with coverage is 7 years/750,000 miles.

- 1 year/100,000 mile duration option: X15 (6 years/650,000 miles)
- 2 year/200,000 mile duration option: X15 (5 years/550,000 miles)

MD 2021 & 2017 Engines - Maximum years and mileage with coverage is 7 years/300,000 miles.

- 1 year/50,000 mile duration option: B6.7/L9 (6 years/250,000 miles)
- 2 year/100,000 mile duration option: B6.7/L9 (5 years/200,000 miles)

Please note that pre-existing engine failures including all defects identified during inspection are not covered under this Plan.

Failures must be corrected prior to purchase of this program.

Complete This Checklist for Encore Xtra Program

Date of Inspection (e.g., 01-Jan-18):

Qualification Criteria Cummins Encore Xtra EPA 2017 & 2021 B6.7, L9 & X15 Engines		
Distributor/Dealer Number	Engine Serial Number	Engine Control Parts List (CPL)
Engine In-Service Date: (Maximum ending years with coverage is – 6 Years for 2021 HD Performance Series engines; 7 years for 2021 HD Efficiency Series, 2021 & 2017 MD engines)	Actual Engine Mileage: (Maximum ending mileage with coverage is – 600,000 miles for 2021 HD Performance engines; 750,000 miles for 2021 HD Efficiency & 2017 engines; 300,000 miles for 2021 & 2017 MD engines)	

Pre-Engine Start Check

Visually inspect for oil/coolant/fuel leaks	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Check and correct active fault codes from electronic control module	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Check coolant level	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Check coolant – SCA within limits	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Check oil level	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>

Engine Inspection

*An electronic service tool must be connected to the engine while running and monitored during engine inspection.
Follow Quick Serve Online or appropriate T&R manual instructions for all checks and tests.*

Check operation of engine cooling fan*	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Check for unusual engine noises	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Lube oil pressure at operating temperature*	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Check for milky residue at oil stopper/filler cap	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Check fault codes from electronic control module	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>
Visually inspect for oil/coolant/intake air/fuel leaks	PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>

* Road test dyno not required for cooling fan and oil pressure check. Warm engine as close to normal operating temperature as possible in an unloaded state before performing checks.



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- ❖ Recommended labor time for inspection steps plus engine steam clean is 1.5 hours.
- ❖ Refer to appropriate engine data sheet for engine specifications.
- ❖ Engine inspection results must be recorded and attached to this checklist.
- ❖ Note corrections made to any items that failed inspection.
- ❖ Cummins Genuine Parts must be used for any required repairs or upgrades.

Comments:

The above inspections have been performed. **ALL DEFECTS FOUND HAVE BEEN NOTED AND CORRECTED.** (Repair orders for all work performed must be attached.)

Signature of Person Performing Inspection

Date

Service/Warranty or Operations Manager

Date