



EPA 2021 B6.7™ for truck applications





B6.7TM

WHEN IT COMES TO UPTIME, WE'RE ALL BUSINESS

The Cummins B6.7TM is one of the most dependable and durable medium-duty engines available. It's been tested and proven with more than 12 million engines produced over nearly 40 years, with billions of miles driven. We're proud of this history and proud that Cummins medium-duty products power more trucks across North America than any other engines.

The EPA 2021 B6.7 builds on this legacy. We listened to our customers and focused on making enhancements to reliability and durability while lowering the total cost of operation (TCO), helping to keep trucks on the road longer. Others talk a big game, but only Cummins delivers uptime ... big time.

New for EPA 2021, the B6.7 features upgrades that allow for extended engine maintenance intervals, including longer oil drain intervals, more time between fuel filter changes and a completely maintenance-free crankcase ventilation filter. That means trucks go longer between trips to the garage for regular maintenance and more money back to your bottom line. Also new for 2021, the B6.7 offers advancements in connectivity to find, prevent and resolve issues faster.

Of course, the B6.7 is also backed by the best warranty and extended coverage plans in the industry and the largest, most capable support network in North America.

EFFICIENCY SERIES

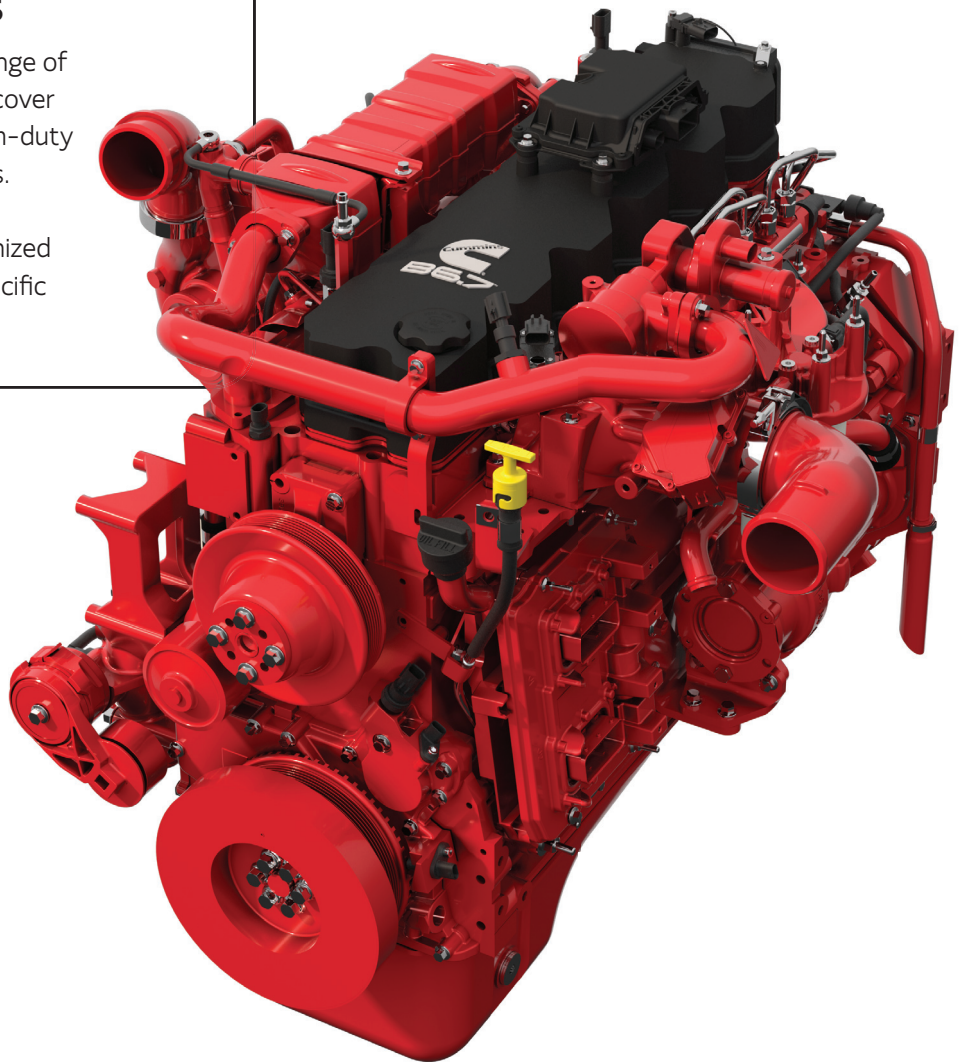
Customers looking to maximize fuel economy with the lowest possible cost of operation should select one of our Efficiency Series ratings from 200 hp to 260 hp (149-194 kW). B6.7 engines in this family have a unique combustion formula, improved airflow through the aftertreatment system and modifications to the VGT® Turbo that improve responsiveness while optimizing fuel economy.

PERFORMANCE SERIES

Customers who need more power and torque should opt for B6.7 Performance Series ratings from 280 hp to 325 hp (209-242 kW). These ratings feature their own unique turbocharger, piston design, fuel injectors and aftertreatment system for optimum performance. Peak torque ranges from 660 lb-ft to 750 lb-ft (895-1017 N•m) make it easy to haul heavy loads and get the job done!

THE POWER TO MEET YOUR NEEDS

The B6.7 offers a wide range of horsepower ratings that cover the majority of all medium-duty truck power requirements. With two rating families, the B6.7 can deliver optimized performance for your specific needs and applications.



Cummins designs, develops and supports every component – from the air handling to the exhaust aftertreatment – to operate together as a fully integrated system. That means we're able to highly optimize every function for outstanding performance and reliability.

VGT Turbo — The single Variable Geometry Turbocharger is a key element in optimizing fuel economy and providing exceptional braking power. This patented design is widely recognized as an industry performance leader.

Single High-Capacity Electronic Control Module (ECM) — Offers higher capacity for faster processing of more information, fully integrated control over the engine and aftertreatment system for optimized performance and improved engine lamp strategy.

Single Module Aftertreatment — Combines high-efficiency SCR, a redesigned dosing unit and a DPF into a single flow-through unit. This single pass-through design optimizes exhaust flow, and the compact packaging helps maintain hotter, consistent temperatures across the unit for better NOx reduction and optimized fuel efficiency while helping to minimize periodic maintenance. It's also 70% smaller and 30% lighter than modular aftertreatment systems.

High Pressure Common Rail (HPCR)

Fuel System — Delivers superior performance, even in lower engine rpm speed ranges. Enables multiple injection events per cycle for improved fuel efficiency with quieter, smoother operation.

Fuel Filters And Lube Filters — Protect against corrosion and contaminants with innovative NanoNet® technology. The NanoNet media in our Fleetguard® filters provides 10 times better protection than conventional fuel filters for a lower cost of operation.



B6.7 SPECIFICATIONS

Horsepower	200-325 hp (149-242 kw)	
Peak torque	520-750 lb-ft (705-1017 N·m)	
Governed speed	2600 rpm	
Clutch engagement torque	400 lb-ft (542 N·m)	
Number of cylinders	6	
Engine weight (dry)	1,150 lb	522 kg

B6.7 MAINTENANCE INTERVALS

Maintenance item	Miles/kilometers	Hours	Months
*Oil and filter	30,000 mi / 48,000 km	1,000	18
Fuel filter	60,000 mi / 96,000 km	2,000	18
Crankcase ventilation filter	Maintenance free		
Overhead adjustment	150,000 mi 240,000 km	5,000	48
Coolant check	15,000 mi 24,000 km	500	6
DEF filter	200,000 mi 320,000 km	6,500	
Particulate filter cleaning	200,000 mi 320,000 km	6,500	

* With a 19-quart oil pan. Duty-cycle dependent.

Consult your Operation and Maintenance Manual for more information.

B6.7 RATINGS

Engine model	Advertised HP (kW)	Peak torque LB-FT (N·m) @ RPM
325-280 HP Performance Ratings		
B6.7 325	325 (242)	750 (1017) @ 1800
B6.7 300	300 (224)	660 (895) @ 1600
B6.7 280	280 (209)	660 (895) @ 1600
260-200 HP Efficiency Ratings		
B6.7 260	260 (194)	660 (895) @ 1600
B6.7 250	250 (186)	660 (895) @ 1600
B6.7 240	240 (179)	560 (759) @ 1600
B6.7 220	220 (164)	600 (813) @ 1600
B6.7 220	220 (164)	520 (705) @ 1600
B6.7 200	200 (149)	520 (705) @ 1600

THE PERFORMANCE ADVANTAGE

We understand one power solution doesn't fit all, but for many severe duty-cycle or city-driving applications, Cummins still recommends diesel power to get the job done. The higher torque at lower engine speeds provided by the B6.7 means less strain on the engine over its lifecycle, for long-term durability. We also know it's important to provide the lowest total cost of operation possible without sacrificing performance. That's why we worked so hard to ensure the next generation of B6.7 delivers longer oil drain intervals, more time between fuel filter changes and a new maintenance-free crankcase ventilation filter, saving you time and money.

OVER-THE-AIR PROGRAMMING CAPABILITY

When connected to a compatible and participating telematics system, Cummins Connected Software Updates facilitates engine control module calibrations remotely in about five minutes, which slashes downtime by eliminating a traditionally scheduled visit to the service bay. Once integrated, customers can leverage the same technology to take advantage of Cummins full upcoming suite of over-the-air programming solutions designed to enhance performance, safety and fuel efficiency.

Cummins B6.7 continues to be fully compliant with On-Board Diagnostics requirements and meets 2021 U.S. Environmental Protection Agency (EPA) and National Highway Traffic Safety Administration (NHTSA) greenhouse gas (GHG) and fuel-economy regulations.



CONNECTED DIAGNOSTICS™

Wirelessly connect your engine to Cummins through a telematics device for immediate diagnosis of a fault alert. Within seconds, Connected Diagnostics provides a clear recommendation for continued operation or the need for service.

TOTAL TRUST, BACKED IN WRITING

The true measure of confidence a manufacturer has in the reliability and durability of its products is how well it backs them. The base warranty for Cummins B6.7 is 3 years / unlimited mileage and covers virtually everything, including parts and labor on warrantable failures,* not just for the engine, but for the aftertreatment system as well. Even consumables used in the repair are included. There's no deductible, and even towing is included.

KEEPING PEACE OF MIND, TOP OF MIND

Cummins engines are designed to provide dependable service well beyond the base warranty period, but for added peace of mind, we offer extended coverage plans with options for up to either 7 years or 300,000 miles (482,803 km) on all registered parts and labor. Not only do the warranties cover major engine systems, but they also cover components such as the turbocharger, water pump, fuel injectors, air compressor, fuel pump and many engine sensors.

A variety of extended coverage plans are available to meet specific needs and trade cycles. Contact your local Cummins distributor or dealer for details.

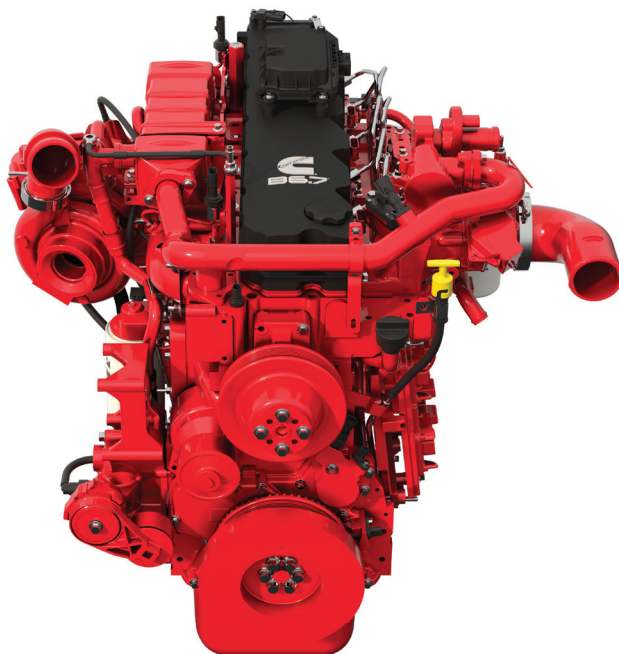
*Covers defects in Cummins materials or factory workmanship.

YOU CALL. WE CARE.

Cummins-powered vehicles are backed by the largest, most capable service and support network in North America, with over 3,700 locations to service your vehicle.

One call to 1-800-CUMMINS™ (1-800-286-6467), and a Cummins Care representative will help locate the nearest available and authorized facility, any time, day or night. You'll get great service no matter where you are.

For details about the B6.7, see your local Cummins distributor or dealer, or visit cummins.com.



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