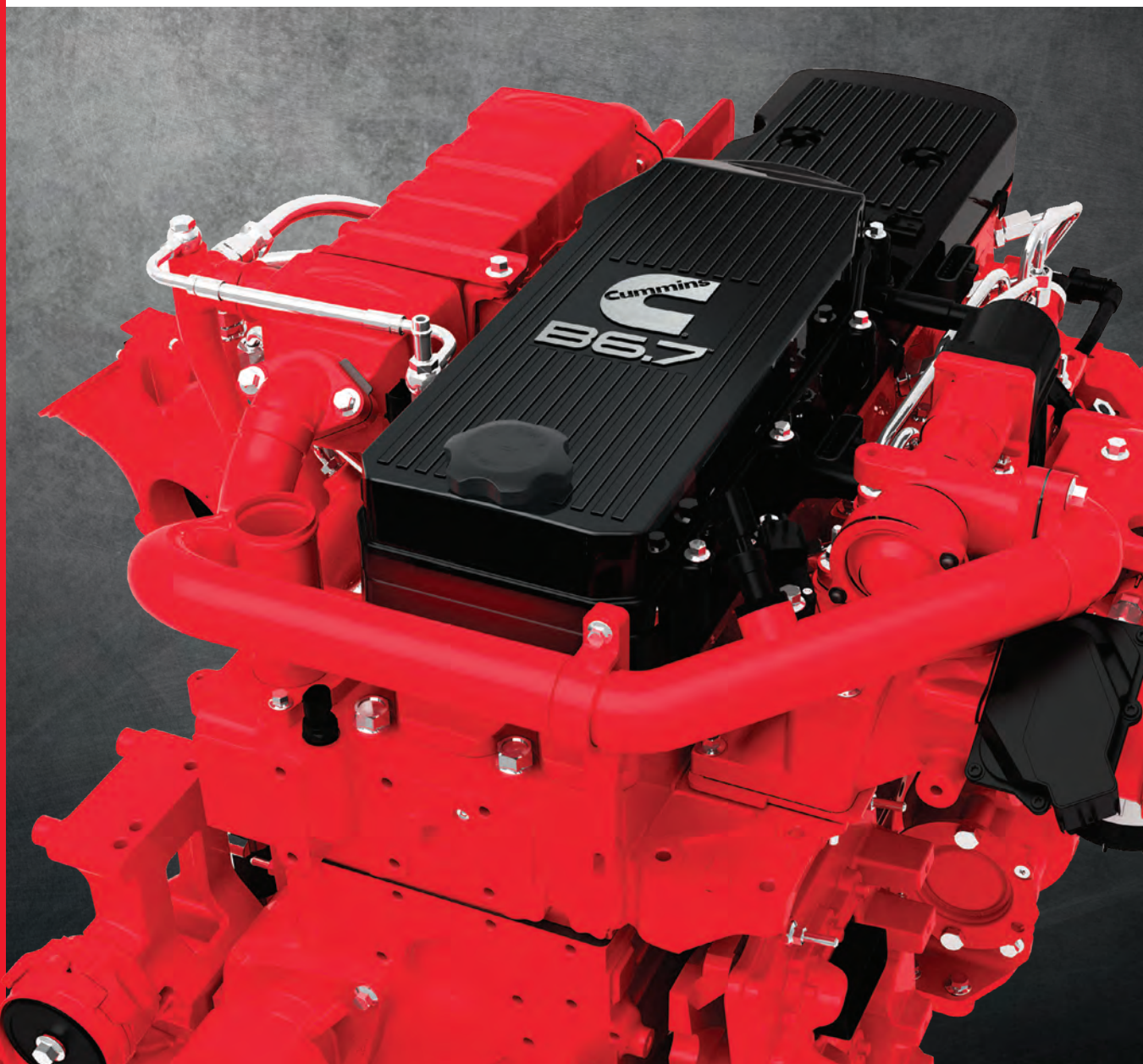
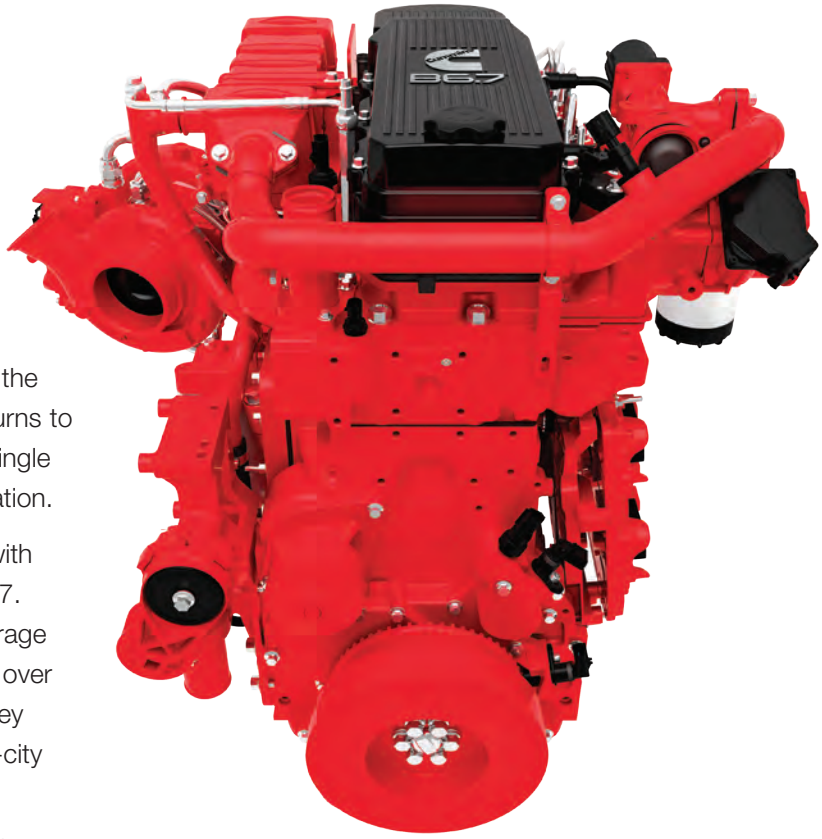
Redefining Efficiency.

B6.7™ For Truck Applications.



Redefining Efficiency.



When you say the word “efficiency” to anyone in the trucking industry, the conversation immediately turns to fuel economy – for good reason. It’s one of the single most important factors in your total cost of operation.

And that’s why Cummins is redefining a classic with our newest-generation B Series engine – the B6.7. The Cummins B6.7 is more efficient, with an average improvement of 8.5 percent better fuel economy over the EPA 2013 ISB6.7, with the highest gains in key duty cycles running at lower speeds and in inner-city operations.

But that’s not all. Cummins is making other significant enhancements in everything from reliability to performance to real-time diagnostic capability, and our base warranty, which provides one of the most comprehensive coverages in the industry, has been extended to cover 3 years/unlimited mileage.

One contributing factor to the fuel economy improvement is the fully integrated Single Module™ aftertreatment system, which incorporates a flow-through design and optimized heat management. It also contributes to a significant space savings over the previous model.

Obviously, even though the B6.7 already commands the highest market penetration of any engine in its class, Cummins engineers don’t take anything for granted. Even with a legacy of over 12 million B Series engines sold over the last 32 years, we continue to keep improving a time-tested and proven reliable product. The B6.7 will have accumulated 1.5 million test miles in multiple real-world applications prior to launch, ensuring exceptional uptime from the start. Plus, the B6.7 is fully capable for stop-start technology that will yield further improvements in fuel economy in stop-and-go duty cycles. That’s Cummins: redefining efficiency – not just for the B6.7, but for an entire industry.

A Business Partner With The Power To Meet Your Needs.

There are two distinctly different B6.7 versions from which to choose. Customers looking to maximize fuel economy with the lowest possible cost of operation should select one of our efficiency ratings from 200 hp to 260 hp (149-194 kW). B6.7 engines in this ratings family have a unique combustion formula that, together with improved airflow through the aftertreatment and modifications to the VGT® Turbo, add an average 8.5 percent fuel economy improvement over the EPA 2013 ISB6.7.

Customers who need additional power and torque should opt for B6.7 performance ratings from 280 hp to 325 hp (209-242 kW). Those ratings feature their own unique turbocharger, piston design and aftertreatment system, for optimum performance. Peak torque ranges from 660 lb-ft to 750 lb-ft (895-1017 N•m), making it easy to deliver heavy loads on the steepest hills while still offering an average 5 percent fuel economy improvement.

The Performance Advantage.

While petroleum prices have dropped over the past couple of years, the benefits of buying a diesel engine versus a gasoline-fueled engine haven't. While gasoline may cost less per gallon, the extra fuel economy in a diesel still yields a lower fuel cost for most operations. Also, higher torque at lower rpm means stronger acceleration when fully loaded, so every route gets finished quicker. Of course, diesel engines last up to 50 percent longer, which is why Cummins-powered trucks are worth more at resale. From the day you take delivery to the day you trade it in, the lower total cost of operation with a Cummins-powered truck gives a higher return on investment.

Aftertreatment Technology With Great Aftereffects.

Cummins Emission Solutions revolutionized efficiency with the Single Module aftertreatment system for use in all our on-highway engines. It combines the functions of Selective Catalytic Reduction (SCR) and a Diesel Particulate Filter (DPF) in a single flow-through design. It has up to a 70 percent reduction in space claim and up to a 30 percent reduction in weight, making more room available on the vehicle chassis for accessories while better heat management contributes to improved fuel economy.

The UL2 Urea Dosing System eliminates the need for engine coolant lines to the doser, provides more efficient atomization to minimize the risk of urea deposits and reduces the number of regeneration events needed, all while maintaining a 3 percent to 4 percent Diesel Exhaust Fluid (DEF) usage factor. The combination of higher fuel economy and more uptime means greater productivity and profits in every truck.

Cummins B6.7 continues to be fully compliant with 2016 On-Board Diagnostics requirements, and meets 2017 U.S. Environmental Protection Agency (EPA) and National Highway Traffic Safety Administration (NHTSA) greenhouse gas (GHG) and fuel-economy regulations.

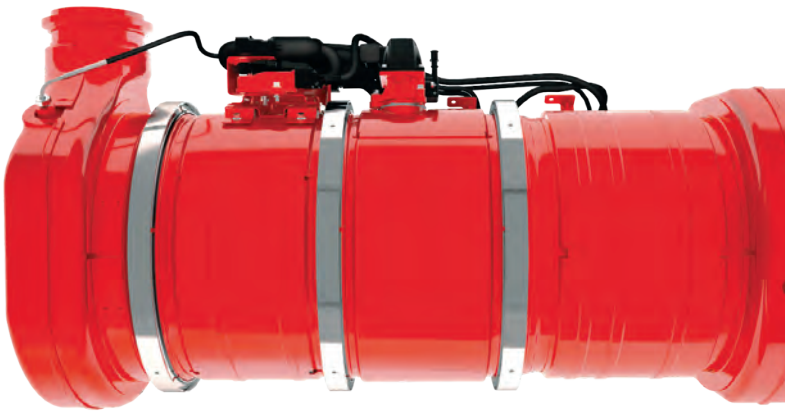
B6.7 Maintenance Intervals

Maintenance Item	Miles/Kilometers	Hours	Months
Oil and Filter	15,000 MI 24,000 KM	500	12
Fuel Filter	15,000 MI 24,000 KM	500	12
Overhead Adjustment	150,000 MI 240,000 KM	5,000	48
Standard Coolant Check	15,000 MI 24,000 KM	500	6
Coalescing Filter	75,000 MI 120,000 KM	2,500	
DEF Filter	200,000 MI 320,000 KM	6,500	
Particulate Filter Cleaning	200,000 MI 320,000 KM	6,500	

Consult your Operation and Maintenance Manual for more information.

B6.7 Specifications

Advertised Horsepower	200-325 HP	149-242 kW
Peak Torque	520-750 LB-FT	705-1017 N•M
Governed Speed	2600 LB-FT	
Clutch Engagement Torque	400 LB-FT	542 N•M
Number of Cylinders	6	
Engine Weight (Dry)	1,150 LB	522 KG



B6.7: Advanced Technology.

Cummins designs, develops and supports every component, from the air handling to the exhaust aftertreatment, to work as a totally integrated system – so we can optimize every function better than other engine manufacturers.

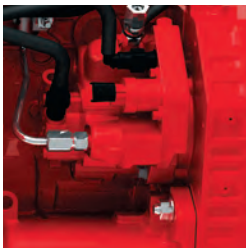
VGT Turbo from Cummins Turbo Technologies

This patented design is widely recognized as an industry performance leader. The refined design improves responsiveness in the B6.7 while an upgraded bearing system increases overall robustness. The VGT Turbo is a key element in providing increased fuel economy and exceptional braking horsepower.

Connected Diagnostics™

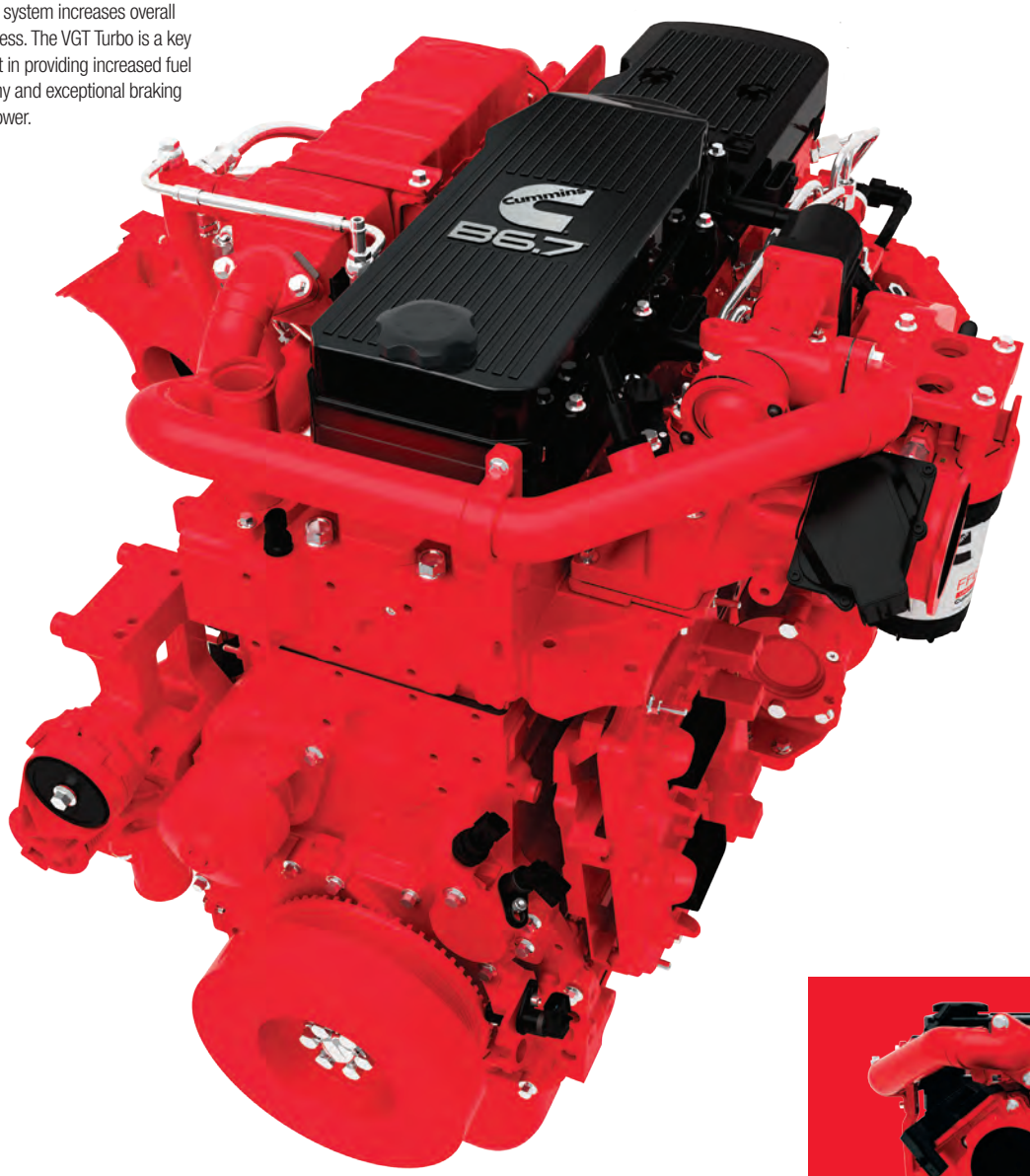
Connected Diagnostics™

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.



High Pressure Common Rail (HPCR) Fuel System

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



Air Handling System

A more robust Exhaust Gas Recirculation (EGR) cooler and valve enhance thermal efficiency and reliability.

Single Module Aftertreatment From Cummins Emission Solutions

Combines high-efficiency SCR, a more reliable dosing unit and a DPF into a single flow-through unit. It is up to 70 percent smaller, so it's easier to install, and as much as 30 percent lighter than the aftertreatment units it replaces. Better heat management improves fuel efficiency and minimizes periodic maintenance.

Fuel Filters And Lube Filters From Cummins Filtration

Fleetguard® filters protect against corrosion and contaminants with Innovative NanoNet® technology. NanoNet media provides 10 times better protection than conventional fuel filters for lower cost of operation.

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.

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) @ 1600
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

Total Trust, Backed In Writing.

The true measure of how much 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 has been increased to 3 years/ unlimited mileage, and includes 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, either.

*Covers defects in Cummins materials or factory workmanship.

Keeping Peace Of Mind Top-Of-Mind.

Cummins engines are designed to provide dependable service for decades, even beyond the base warranty period. That's why 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. Plus, the extension of our base warranty to three years means one fewer year of extended coverage that you'll need to buy, which will save money and increase peace of mind down the road. A variety of extended coverage plans are available to meet specific needs and trade cycles. Contact your local Cummins distributor or dealer for details.

You Call. We Care.

As your business grows and you enter new territories, you'll want the ability to shift equipment and know that you'll still get great service. Cummins-powered vehicles are backed by the largest, most capable service and support network in North America, with over 3,500 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 of day or night.

One Source For The Latest News.

Continual improvement is a hallmark of Cummins engines and support. Visit cumminsengines.com for the latest information on Cummins products.

Cummins Inc.
Box 3005
Columbus, IN 47202-3005
U.S.A.

Phone: 1-800-CUMMINS™ (1-800-286-6467)
Internet: cumminsengines.com

Twitter.com/CumminsEngines
YouTube.com/CumminsEngines

Bulletin 4971536 Printed in U.S.A. Rev. 2/17