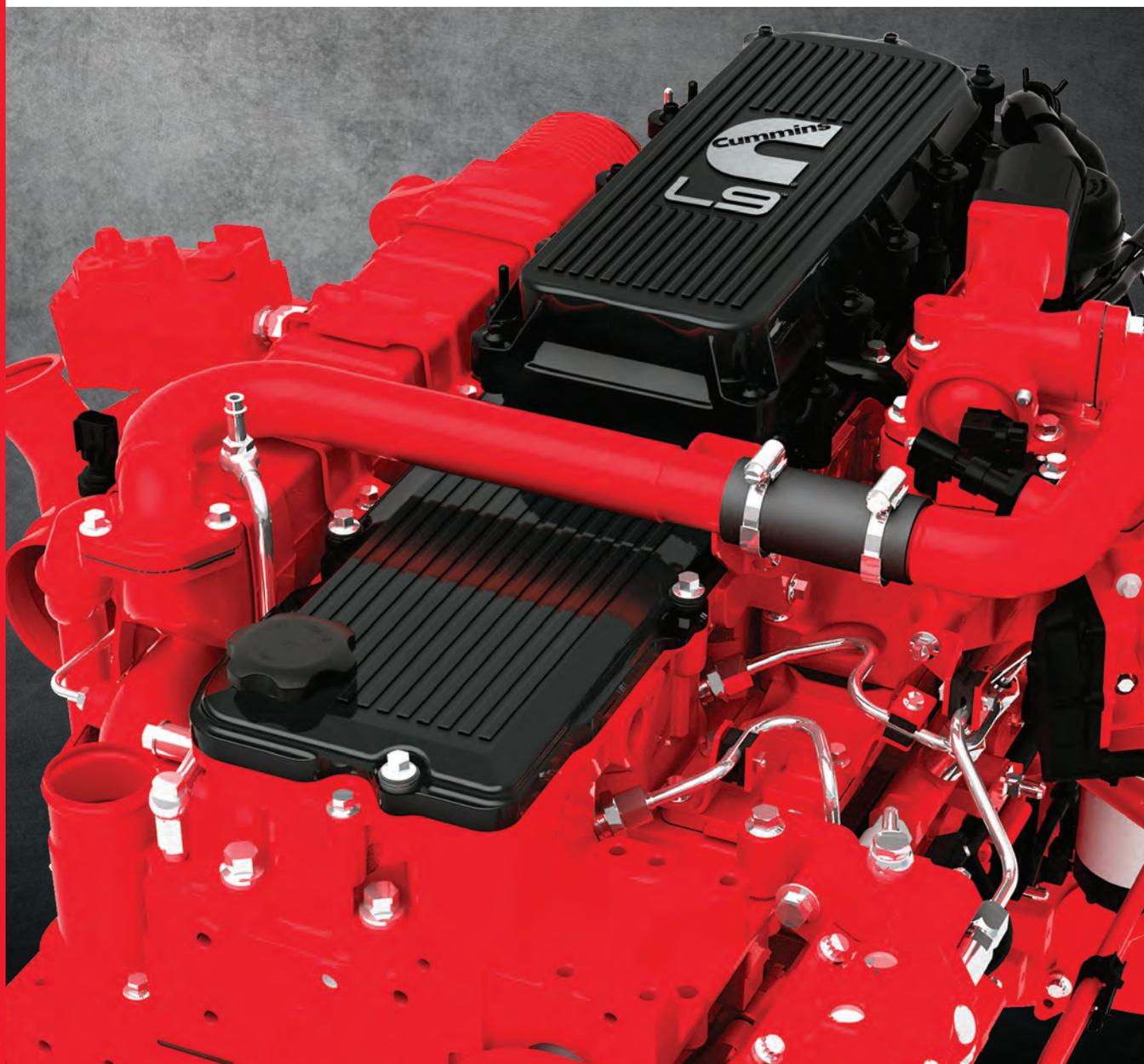




Redefining Efficiency.

2017 L9™ For Truck Applications.



# Redefining Efficiency.



Cummins is redefining efficiency for customers in 2017 with the newest generation of its L Series engines. The Cummins L9 diesel for 2017 delivers outstanding productivity and the best power-to-weight ratio in its class. Proven reliability keeps your trucks on the road longer. Faster, more accurate service provides even greater uptime, and customers can expect up to 15 percent better fuel economy over the engines of the last decade.

But the most important component we put in every L9 engine is the trust that comes from a legacy of over 27 years and 5 million engines. The L9 comes from a family of proven performers, with a heritage that gets stronger every year.

High-strength components, together with features such as replaceable cylinder liners for easier rebuilding, do more than add life to the engine; they also add to its residual value. The L9 is designed to excel in some of the toughest duty cycles. Cummins designs and manufactures our own engines and aftertreatment systems. In doing so, we're providing customers greater performance, uptime, durability and efficiency.

The L9 for 2017 features a new Single Module™ aftertreatment system that is not only compact, but also has greater thermal efficiency, for improved engine operation.

Of course, there's also the trust factor that comes from buying from a company that stands behind its product. Cummins offers the best warranty and extended coverage plans in the industry, and backs them with the largest, most capable support network in North America. We constantly strive to improve efficiency with the latest in real-time diagnostics, for accurate, fast service when needed. All of that leads to greater peace of mind for customers.

The L9 is the total package. No other engine in its horsepower range has this combination of power, proven reliability, rebuildability and longevity.

## The Power To Meet Your Needs.

Customers looking to maximize fuel economy with the lowest possible cost of operation should select one of our efficiency ratings, from 260 hp to 350 hp (194-261 kW). L9 engines in this ratings family have a unique turbocharger, piston design, damper and aftertreatment system, all of which contribute to a continual fuel economy increase over the past decade – up to a 15 percent improvement since 2007.

Customers with vocational vehicles such as mixers, refuse haulers and dump trucks generally need more power and torque. L9 high-performance ratings for severe-duty and specialty applications range from 370 hp to 380 hp (276-283 kW) with up to 1250 lb-ft (1695 N•m) of peak torque. The Single Module aftertreatment system is designed to optimize exhaust flow and enhance power production.

### Aftertreatment Technology With Great After-Effects.

The Single Module aftertreatment system from Cummins Emission Solutions (CES) sets the new standard for aftertreatment efficiency. It combines the functions of Selective Catalytic Reduction (SCR) and a Diesel Particulate Filter (DPF) in a single flow-through design. The Single Module aftertreatment system has up to a 70 percent reduction in space claim and up to a 30 percent reduction in weight, which offers higher payloads and better heat management, which can contribute 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 dosing 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 greater uptime has the potential to increase productivity and profits in every truck.

The L9 continues to be fully compliant with 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.

## 2017 L9 Maintenance Intervals

| Maintenance Item            | Miles/Kilometers                     | Hours | Months |
|-----------------------------|--------------------------------------|-------|--------|
| Oil and Filter              | 15,000 MI<br>24,000 KM               | 500   | 6      |
| Fuel Filter                 | 15,000 MI<br>24,000 KM               | 500   | 6      |
| Coolant Filter              | 15,000 MI<br>24,000 KM               | 500   | 6      |
| Overhead Adjustment         | 150,000 MI<br>240,000 KM             | 5,000 | 48     |
| Standard Coolant Change     | 60,000 MI<br>96,000 KM               | 2,000 | 24     |
| Coalescing Filter           | Every 3rd to 4th Oil Change Interval |       |        |
| DEF Filter                  | 200,000 MI<br>320,000 KM             | 6,500 |        |
| Particulate Filter Cleaning | 200,000 MI<br>320,000 KM             | 6,500 |        |

Consult your Operation and Maintenance Manual for more information.

## 2017 L9 Specifications

|                          |                |              |
|--------------------------|----------------|--------------|
| Advertised Horsepower    | 260-380 HP     | 194-283 kW   |
| Peak Torque              | 720-1250 LB-FT | 976-1695 N•M |
| Governed Speed           | 2100/2200 RPM  |              |
| Clutch Engagement Torque | 500-575 LB-FT  | 678-780 N•M  |
| Number of Cylinders      | 6              |              |
| Engine Weight (Dry)      | 1,695 LB       | 769 KG       |



# L9: Advanced Technology For 2017

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



## **VGT® Turbocharger from Cummins Turbo Technologies**

The patented design is widely recognized as an industry performance leader. Electronic actuation improves precision and responsiveness. The VGT Turbo is a key element in providing exceptional fuel economy and braking horsepower.



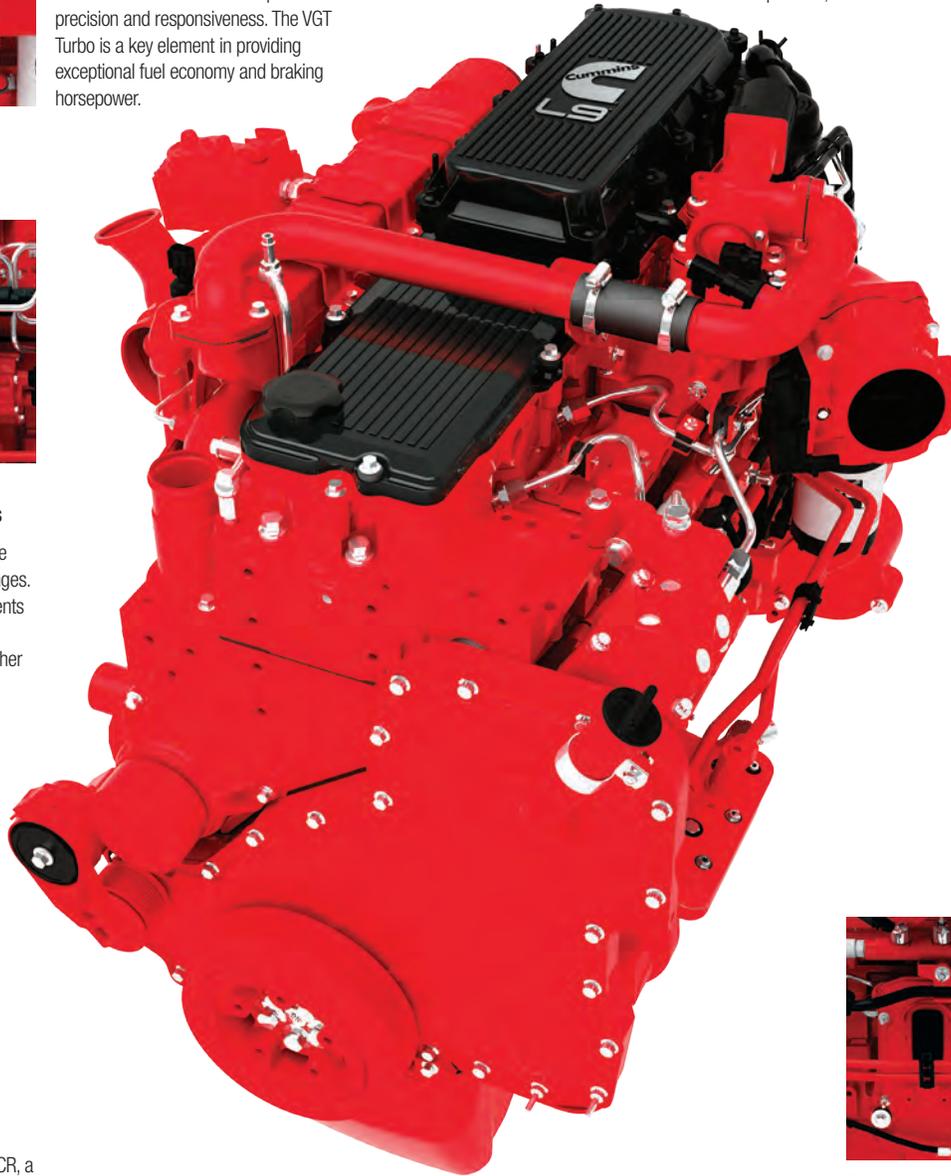
## **Connected Diagnostics™**

Wirelessly connects your engine to Cummins through a telematics device for immediate diagnosis of a fault alert. Provides a clear recommendation for continued operation, or the need for service, within seconds.



## **XPI Fuel System From Cummins Fuel Systems**

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



## **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 And Lube Filters From Cummins Filtration**

Fleetguard® filters protect against corrosion and contaminants with innovative technology, including NanoNet® media, which provides 10 times better protection than conventional fuel filters.

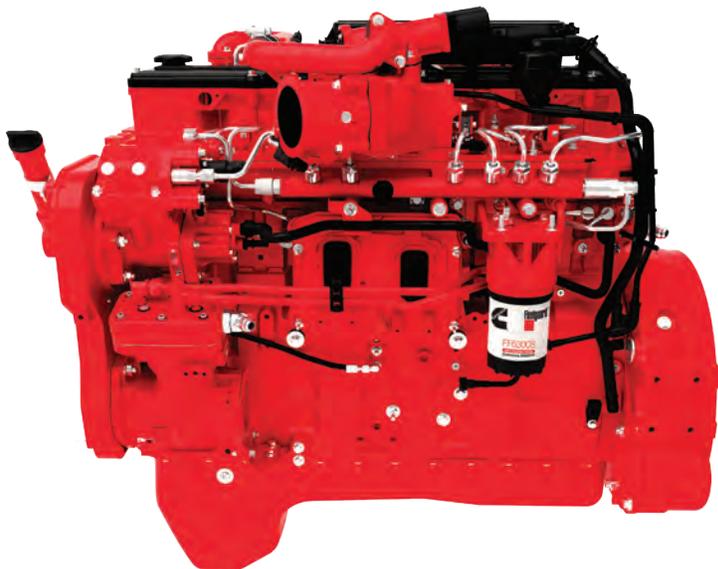


## **Single High-Capacity Electronic Control Module (ECM)**

A higher capacity offers faster processing of more information. Fully integrated control over the engine and aftertreatment system for optimized performance, and an improved engine lamp strategy.

## 2017 L9 Ratings

| Engine Model                          | Advertised HP (KW) | Peak Torque LB-FT (N•M) @ RPM |
|---------------------------------------|--------------------|-------------------------------|
| <b>380-370 HP Performance Ratings</b> |                    |                               |
| L9 380                                | 380 (283)          | 1250 (1695) @ 1400            |
| L9 370                                | 370 (276)          | 1250 (1695) @ 1400            |
| <b>350-260 HP Efficiency Ratings</b>  |                    |                               |
| L9 350                                | 350 (261)          | 1150 (1559) @ 1400            |
| L9 350                                | 350 (261)          | 1000 (1356) @ 1400            |
| L9 330                                | 330 (246)          | 1000 (1356) @ 1400            |
| L9 300                                | 300 (224)          | 860 (1166) @ 1300             |
| L9 270                                | 270 (201)          | 800 (1085) @ 1300             |
| L9 260                                | 260 (194)          | 720 (976) @ 1300              |



### 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 willing it is to back them. The base warranty for Cummins L9 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. Cummins L9 base warranty coverage is good for 2 years/250,000 miles (402,336 km).

\*Covers defects in Cummins materials or factory workmanship.

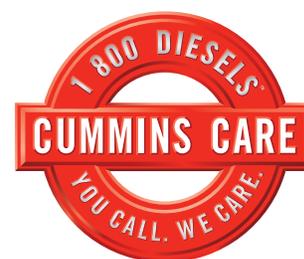
### Keeping Peace Of Mind Top-Of-Mind.

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 7 years/300,000 miles (482,803 km) on all registered parts and labor. Not only do the plans 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. Extended coverage plans can often be rolled into the initial purchase price of the vehicle, resulting in peace of mind for many years that costs just pennies a day. 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 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. One call to 1-800-DIESELS™ (1-800-343-7357), and a Cummins Care representative will help locate the nearest available and authorized facility, any time of the day or night.



### One Source For The Latest News.

Continual improvement is a hallmark of Cummins engines and support. Visit [cumminsengines.com](http://cumminsengines.com) to get more important information about Cummins L9 engine.





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

Phone: 1-800-DIESELS™ (1-800-343-7357)  
Internet: [cumminsengines.com](http://cumminsengines.com)

[Twitter.com/CumminsEngines](https://twitter.com/CumminsEngines)  
[YouTube.com/CumminsEngines](https://www.youtube.com/CumminsEngines)

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