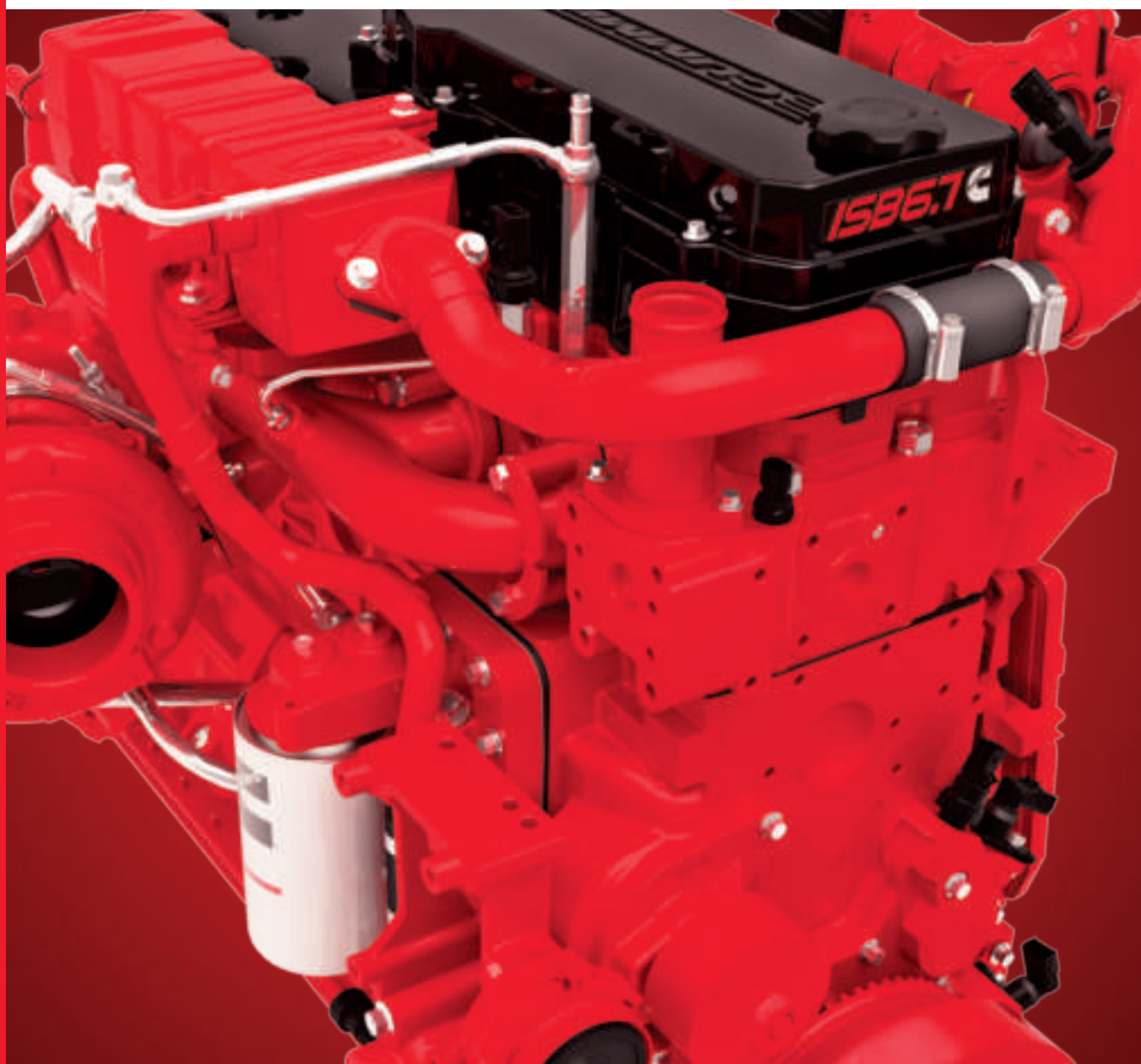




Better. Where It Counts.

Cummins 2013 ISB6.7 For Truck Applications.



# ISB6.7



## **Better. Where It Counts. Every Job.**

Every aspect of the ISB6.7 has been improved, from fuel efficiency to reliability and durability. So you get the lowest cost of operation and maximum uptime, whether your operation runs pickup-and-delivery trucks, step vans or other medium-duty trucks.

The 2013 ISB6.7 gets the highest fuel economy of any engine in its class. In 2013, that advantage increases with up to 2 percent better fuel economy versus our 2012 model. The addition of an air-intake throttle makes the Exhaust Gas Recirculation (EGR) system more efficient, to increase fuel economy and lower operating costs. With its fuel-economy gain, the 2013 ISB6.7 meets 2014 greenhouse gas (GHG) and fuel-efficiency standards a year ahead of schedule.

Ratings range from 200 hp to 325 hp (149-242 kW). Low maintenance, long service intervals and better fuel economy than any other engine in its class add up to superior lifetime value. So you get financial benefits in addition to meeting emissions regulations. That's what we mean when we say Cummins ISB6.7 delivers better, where it counts.

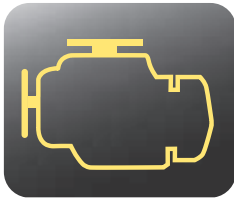
## **New Standards. Proven Technology.**

The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Transportation (DOT) have enacted new GHG and fuel-efficiency standards, scheduled to take effect in 2014. Lowering fuel use results in less carbon dioxide (CO<sub>2</sub>) emissions, so achieving better fuel economy actually reaches both standards.

The fact that Cummins is utilizing technology proven on commercial vehicle engines is one of the reasons we are meeting these requirements a full year ahead of schedule. The 2013 ISB6.7 will also be equipped with the required On-Board Diagnostics system that monitors the emissions system.

## **Every Benefit. Clear.**

The Cummins Aftertreatment System has been proven for years and thoroughly tested under the most extreme conditions. This proven system consists of a Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR) and a dosing system for the Diesel Exhaust Fluid (DEF). Designing and building the package in-house allows Cummins to calibrate the engine and aftertreatment system for optimum fuel economy, performance and near-zero emissions.



### On-Board Diagnostics.

Cummins proven On-Board Diagnostics system has been used on thousands of on-road vehicles since 2007. This

On-Board Diagnostics system continuously monitors performance of the emissions system, providing alerts via a Malfunction Indicator Lamp (MIL) on the instrument panel. The MIL illuminates when it detects a malfunction related to the emissions control system, alerting the operator that the engine needs proper troubleshooting and possible repair.

### Diesel Exhaust Fluid.

Diesel Exhaust Fluid (DEF) is sprayed at a rate of approximately 3 percent to 4 percent of fuel consumption, and will need to be refilled periodically. Simply check the DEF gauge on your



dashboard at each refueling. DEF is readily available at all Cummins distributors, through Cummins Filtration's distribution network and at major service stations and truck stops.

For more information, see the fuel and DEF usage calculator at [cumminsengines.com](http://cumminsengines.com).

### ISB6.7 Maintenance Intervals

Maintenance Item	Miles/Kilometers	Hours	Months
Oil and Filter	15,000 MI 24,000 KM	500	6
Fuel Filter	15,000 MI 24,000 KM	500	6
Coolant Filter	15,000 MI 24,000 KM	500	6
Overhead Adjustment	150,000 MI 240,000 KM	5,000	48
Standard Coolant Change	60,000 MI 96,000 KM	2,000	24
Coalescing Filter	Every 3rd to 4th Oil Change Interval		
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.

### ISB6.7 Specifications

Advertised 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	
System Weight	1,357 LB	616 KG
Engine (Dry)	1,150 LB	522 KG
Aftertreatment System*	207 LB	94 KG

\*Increase over standard muffler; does not include chassis OEM-supplied components





# Designed Better To Work Better.

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.



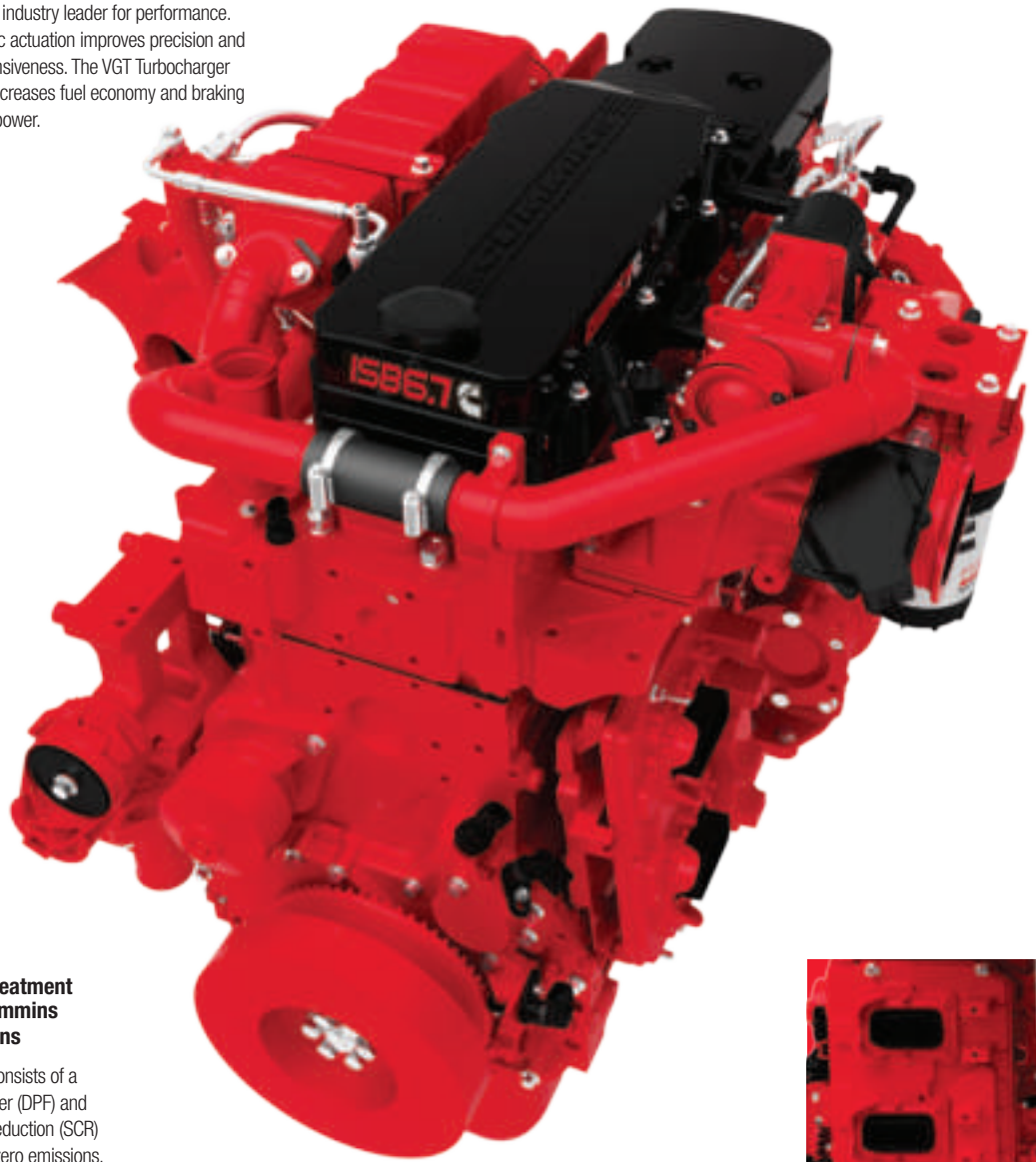
## **VGT™ Turbocharger From Cummins Turbo Technologies**

The patented design is widely recognized as the industry leader for performance. Electric actuation improves precision and responsiveness. The VGT Turbocharger also increases fuel economy and braking horsepower.



## **High Pressure Common Rail (HPCR) Fuel System From Cummins Fuel Systems**

Higher injection pressures produce quick throttle response at every rpm. Optimized timing increases fuel efficiency, lowers emissions and enables smoother, quieter operation.



## **Cummins Aftertreatment System From Cummins Emission Solutions**

Proprietary system consists of a Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR) technology for near-zero emissions.



## **Fleetguard® Fuel Filters, Lube Filters And DEF From Cummins Filtration**

Fleetguard filters protect against corrosion and contaminants with innovative technology such as NanoNet™ media, which provides 10 times better protection than conventional fuel filters. High-quality DEF is widely available at authorized Cummins and Fleetguard locations, as well as in bulk delivery.



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

A single ECM manages the engine and aftertreatment system for optimum performance and fuel efficiency.

## ISB6.7 Ratings

Engine Model	Advertised HP (kW)	Peak Torque LB-FT (N•M) @ RPM
ISB6.7 325	325 (242)	750 (1017) @ 1800
ISB6.7 300	300 (224)	660 (895) @ 1600
ISB6.7 280	280 (209)	660 (895) @ 1600
ISB6.7 260	260 (194)	660 (895) @ 1600
ISB6.7 250	250 (186)	660 (895) @ 1600
ISB6.7 240	240 (179)	560 (759) @ 1600
ISB6.7 220	220 (164)	520 (705) @ 1600
ISB6.7 200	200 (149)	520 (705) @ 1600



### Better Warranty Coverage.

Base engine warranty coverage for Cummins ISB6.7 includes parts and labor on warrantable failures\* for both the engine and the aftertreatment system.

Even consumables used in the repair are covered – all with no deductible. Cummins base warranty coverage is good for 2 years/unlimited mileage.

### Every Confidence.

Peace of mind comes from knowing you've bought a quality product, and that the manufacturer will stand behind it for years to come. Cummins offers a wide variety of protection plans for ISB6.7 engines, tailored to meet the needs of specific applications and trade cycles. It's insurance that allows you to make financial plans with complete confidence, with options for up to 7 years or 300,000 miles (482,803 km) on all registered parts and labor. Cummins extended coverage plans now cover internal components and major engine systems including the turbocharger, water pump and fuel injectors and, new for 2013, the air compressor, fuel pump and select engine sensors. For additional details, contact your local Cummins distributor or dealer.

\*Covers defects in Cummins materials or factory workmanship



### Every Setting. PowerSpec.

On a new truck order, Cummins PowerSpec helps you find the ideal gearing specs for engine performance or fuel economy. In addition to gearing recommendations, PowerSpec allows authorized users to customize the operating parameters on individual vehicles – or easily cascade a “hot spec” through an entire fleet. It also reads fault codes, and can be programmed to collect trip information for multiple drivers on every truck. See [powerspec.cummins.com](http://powerspec.cummins.com) for more information.

### Better Customer Care.

Cummins-powered vehicles are backed by the largest and most capable parts and service network in North America, with over 3,500 locations. Our authorized service technicians are fully trained on all of our engines, and have the necessary equipment and Genuine Cummins Parts to promptly handle any type of service issue. Call Cummins Care at 1-800-DIESELS™ (1-800-343-7357), and you'll get 24/7/365 assistance from a Cummins Care representative. If you need service, your Cummins Care representative will locate the nearest available and authorized facility.



### Better Answers.

With better fuel economy, lower cost of operation and maximum uptime, Cummins ISB6.7 delivers better where it counts. To learn more about the ISB6.7, visit [cumminsengines.com](http://cumminsengines.com), phone 1-800-DIESELS (1-800-343-7357) or contact your local Cummins distributor or dealer.



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Bulletin 4971399 Printed in U.S.A. 12/12  
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