



# Better Every™ Call.

Engines And Commercial Mobile Generators  
For Fire And Emergency Applications.





# Ready For Every™ Emergency.

The secret to superior performance, reliability and durability is using a total-systems approach. Cummins engines and generators are designed from the start to operate together for maximum efficiency and seamless performance.

From the industry-leading 600-horsepower ISX15 to the proven durability of the ISB6.7, Cummins has a diesel engine that's perfect for every type of fire equipment and every kind of emergency. We also offer a full line of mobile generators to provide the electrical power you need at the scene.

Our equipment offers outstanding responsiveness, long maintenance intervals, high uptime and more. So no matter what size Cummins engine or generator you choose, your decision will definitely pay off – with performance on the front line and savings on the bottom line.

Plus, with the addition of the EcoFit™ Ultra-Low Emission (ULE) Systems with proven Selective Catalytic Reduction (SCR) technology, Cummins engines meet EPA 2010 near-zero emissions standards with improved power, fuel efficiency and performance.

That's what makes Cummins the number-one choice for fire and emergency equipment today – and an even better investment for the future.

## **Equipment You Can Depend On. Every Call.**

At the scene, Cummins diesel engines deliver more power while turning at lower engine speeds. That way, you can get the high nozzle velocity you're looking for, from an engine that doesn't have to work as hard. The end result is excellent power from a quieter, more efficient engine. One that's longer-lasting and more durable – something everyone can appreciate.

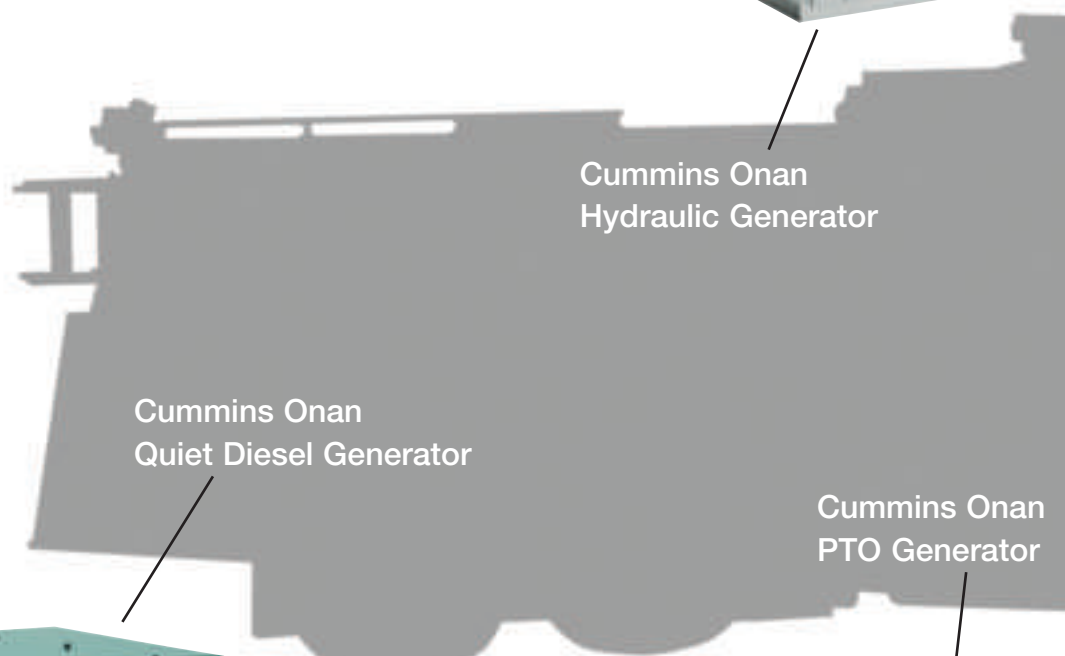
Cummins generators deliver big power in a small footprint. In addition to diesel-, gasoline- and LP-powered generators, we also offer hydraulic and power take-off (PTO) generators that install easily on your equipment, as well as versatile portable genset units. Every one is designed for reliable power, quiet operation and easy maintenance. Plus, they are backed by an excellent warranty and a trained and certified service network. Innovative technology and an unrelenting commitment to quality have made the Cummins Onan® brand the global leader, with a complete line of products from 2- to 47-kW mobile power units.

# One Company. One

Using one company to satisfy all your equipment power needs makes your job a lot easier. There's no question that all systems will work together, as they have been designed to do exactly that. You can depend on Cummins to handle your every need, from spec'ing advice and readily available parts and service to the most comprehensive equipment warranties and extended warranties in the business. We've put together a comprehensive service and support system to cover your total power system needs.



Cummins Onan  
Hydraulic Generator



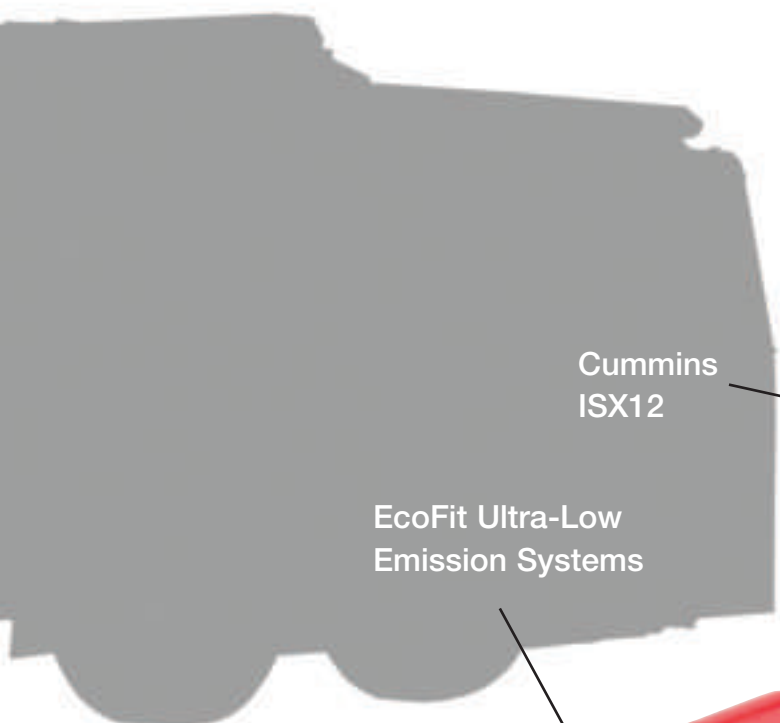
Cummins Onan  
Quiet Diesel Generator



Cummins Onan  
PTO Generator



# Solution.



Cummins  
ISX12

EcoFit Ultra-Low  
Emission Systems



# Quick To The Scene.

## **ISB6.7. 260-360 hp. Proven Power. Every Call.**

For superior performance at every rpm, Cummins ISB6.7 is best-in-class. Its High Pressure Common Rail (HPCR) fuel system delivers an optimum balance of performance, emissions control and fuel economy across the entire operating range.

The ISB6.7 incorporates a fully integrated EcoFit Ultra-Low Emission System that combines a Diesel Particulate Filter (DPF) with proven SCR technology. This proven technology delivers near-zero emissions while getting more power out of every drop of fuel.

From the reliability and durability you've come to expect from a Cummins B Series engine to the power and efficiency of our latest technology, the ISB6.7 delivers it all. Every call.

## **ISC8.3. 270-380 hp. Proven Performance. Every Call.**

Year after year, in every type of vehicle from EMS vehicles to hook-and-ladder trucks, Cummins ISC has earned the trust of firefighting professionals and first responders. You can expect the same great performance and reliability from the ISC8.3 that you currently get from ISC-powered vehicles.

With heavy-duty features such as replaceable wet liners, the ISC8.3 has one of the highest power-to-weight ratios in its class.

Plus, the ISC8.3 features Cummins XPI fuel system. This high-pressure system allows the ISC8.3 to run cleaner, quieter and stronger than ever before.

The EcoFit Ultra-Low Emission System combines a Diesel Particulate Filter (DPF) with proven SCR technology and has been fully integrated with the engine to deliver near-zero emissions and stronger performance at every rpm.

Simply put, the ISC8.3 is designed to work harder for you. Every call.

## **ISL9. 345-450 hp. Ready To Respond. Every Call.**

More of a good thing. That's what you get with the Cummins ISL9 engine. You can expect the same high level of performance and reliability that ISL owners currently get, keeping you ready to respond. Every call.

The ISL9 has one of the highest power-to-weight ratios in its class, with heavy-duty features such as replaceable wet liners. It features the XPI fuel system – the same technology that's used on the ISX15. This, combined with our higher-capacity Electronic Control Module (ECM), improved airflow and our patented VGT™ Turbocharger, allows the ISL9 to run stronger and with faster throttle response than ever before.

The EcoFit Ultra-Low Emission System with proven SCR technology results in an engine that delivers near-zero emissions without compromising the performance of your midsize fire apparatus.



**ISX12. 370-500 hp.  
Responding Faster. Every Call.**

Cummins ISX12 delivers everything you want – better performance, reliability and durability. It has strong pulling power and excellent throttle response – all in a compact design.

Every major component and system is designed and built by Cummins for total quality control, and the ISX12 shares technology with the proven ISX15 engine. This includes the XPI fuel system, VGT Turbocharger, ECM, EcoFit Ultra-Low Emission System and more – designed and manufactured in-house by Cummins so it all works together seamlessly.

At Cummins, we know that every second is critical when you're responding to an emergency. There's no room for doubt about the readiness of your equipment – or its ability to get you to the scene in a hurry.

Being able to meet budgets is critical as well – and that's where the ISX12, with its long service intervals and improved fuel economy, can come to the aid of your operating budget.



**ISX15. 455-600 hp.  
Big Power. Every Call.**

Cummins ISX15 delivers quicker throttle response than ever before, with a higher power density than any other engine in its class. Plus, it achieves near-zero emissions levels without sacrificing the reliability or durability that you expect from a Cummins engine. The ISX15 is more than capable of powering the largest and heaviest fire equipment that you use.

Every major component and system is designed and built by Cummins for total quality control, building on proven technology. This includes the high-pressure XPI fuel system, patented VGT Turbocharger and the EcoFit Ultra-Low Emission System.

In addition, maintenance intervals are unchanged from previous years. So the ISX15 will deliver the lowest operating costs of any engine in its class.

With strong performance, long-range durability and exceptional dependability, plus superior fuel economy, you've got every reason to spec an ISX15.

# Powerful At The Scene.



## **EcoFit Ultra-Low Emission (ULE) Systems.**

The proven ULE System from Cummins Emission Solutions consists of Selective Catalytic Reduction (SCR), a Diesel Particulate Filter (DPF) and dosing products to meet near-zero emissions standards while maintaining best-in-class performance, reliability and durability. These technologies have been proven in the U.S. and Europe for years and field-tested under the most extreme conditions. The system uses Diesel Exhaust Fluid (DEF) to achieve oxides of nitrogen (NOx) emissions at near-zero levels. DEF is readily available; reference Cummins Filtration flyer LT15618 for more information.

## **Hydraulic Generators. 6-25 kW.**

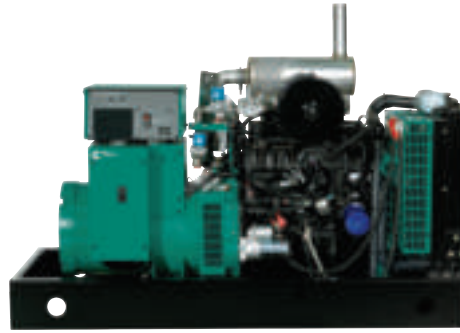
The Cummins Onan Hydraulic Series of generators is designed as a fully integrated power system that includes the hydraulic pump, motor generator, filtration system, oil cooler and reservoir in one complete, compact and lightweight package.

Cummins Onan hydraulic generators start at full load and run at the rated output, giving you all the power and performance you expect and need.

- High-performance motor-starting capability for heavy loads
- Meets full load capability at 120°F (49°C) ambient conditions
- Designed to provide clean, quiet power with low vibration
- Powder-coated and stainless steel housings resist corrosion
- Easy single-side serviceability minimizes compartment space requirements
- Multiple air inlet locations; compact size, offering several mounting options
- Full power available on the fly
- Best warranty in the industry







### **Power Take-Off (PTO) Generators. 12-40 kW.**

Cummins Onan Protec PTO generators are specifically engineered for mobile emergency vehicle use, with a field-proven design for high performance and long life. Features include various mounting configurations, bidirectional rotation with radial fan, and remote-mountable solid-state electronic voltage regulator.

- Capped voltage regulation
- Environmental protection for adverse conditions
- 50/60-Hz switchable
- Brushless exciter
- Double-sealed, pre-lubricated bearings
- Air-cooled with shaft-mounted centrifugal fan
- Skewed stator for low harmonic distortion
- Class H insulation, 356°F (180°C) temperature rating
- Reconnectable three-phase; single-phase available
- Best warranty in the industry



### **Standby Generators. 20-100 kW.**

Cummins Onan standby power systems run on natural gas or liquid propane, delivering 20-100 kW. To determine the size of generator needed, add up all the devices that you need to run at the same time. Remember, some appliances with electric motors (e.g., refrigeration units and air conditioners) require up to three times the listed wattage; however, our load management features enable you to run a smaller generator. To correctly size a generator for your station, please visit [cumminspower.com](http://cumminspower.com).

#### **Generator Features:**

- Fully automatic operation when used with a Cummins automatic-transfer panel
- Available for use with natural gas or liquid propane vapor
- Electronic governor for precise frequency control
- 120-volt coolant heater
- Standard 2-year limited warranty
- Reconnectable voltage options
- Full range of enclosures based on noise requirements
- Full range of control options with remote monitoring and annunciation options

# Emergency Vehicle Diesel Engine Ratings.

## ISB6.7 Ratings

Engine Model	Advertised Horsepower (kW)	Peak Torque (N•m)	Governed Speed
ISB6.7 360	360 hp (269 kW)	800 lb-ft (1085 N•m) @ 1800 rpm	2600 rpm
ISB6.7 340	340 hp (254 kW)	660 lb-ft (895 N•m) @ 1600 rpm	2800 rpm
ISB6.7 325	325 hp (242 kW)	750 lb-ft (1017 N•m) @ 1600 rpm	2600 rpm
ISB6.7 300	300 hp (224 kW)	660 lb-ft (895 N•m) @ 1600 rpm	2600 rpm
ISB6.7 280	280 hp (209 kW)	660 lb-ft (895 N•m) @ 1600 rpm	2600 rpm
ISB6.7 260	260 hp (194 kW)	660 lb-ft (895 N•m) @ 1600 rpm	2600 rpm

## ISC8.3 Ratings

ISC8.3 380	380 hp (283 kW)	1050 lb-ft (1424 N•m) @ 1400 rpm	2200 rpm
ISC8.3 350	350 hp (261 kW)	1000 lb-ft (1356 N•m) @ 1400 rpm	2200 rpm
ISC8.3 330	330 hp (246 kW)	1000 lb-ft (1356 N•m) @ 1400 rpm	2200 rpm
ISC8.3 300	300 hp (224 kW)	860 lb-ft (1166 N•m) @ 1400 rpm	2200 rpm
ISC8.3 270	270 hp (201 kW)	800 lb-ft (1085 N•m) @ 1300 rpm	2200 rpm

## ISL9 Ratings

ISL9 450	450 hp (336 kW)	1250 lb-ft (1695 N•m) @ 1400 rpm	2200 rpm
ISL9 400	400 hp (298 kW)	1250 lb-ft (1695 N•m) @ 1400 rpm	2200 rpm
ISL9 370	370 hp (276 kW)	1250 lb-ft (1695 N•m) @ 1400 rpm	2100 rpm
ISL9 345	345 hp (257 kW)	1150 lb-ft (1559 N•m) @ 1400 rpm	2100 rpm

## ISX12 Ratings

ISX12 500	500 hp (373 kW)	1645 lb-ft (2230 N•m) @ 1200 rpm	2100 rpm
ISX12 450	450 hp (336 kW)	1550 lb-ft (2102 N•m) @ 1200 rpm	2100 rpm
ISX12 425	425 hp (317 kW)	1550 lb-ft (2102 N•m) @ 1200 rpm	2100 rpm
ISX12 400	400 hp (298 kW)	1550 lb-ft (2102 N•m) @ 1200 rpm	2100 rpm
ISX12 400	400 hp (298 kW)	1450 lb-ft (1966 N•m) @ 1200 rpm	2100 rpm
ISX12 370	370 hp (276 kW)	1450 lb-ft (1966 N•m) @ 1200 rpm	2100 rpm

## ISX15 Ratings

ISX15 600	600 hp (448 kW)	1850 lb-ft (2508 N•m) @ 1200 rpm	2000 rpm
ISX15 550	550 hp (410 kW)	1850 lb-ft (2508 N•m) @ 1200 rpm	2000 rpm
ISX15 500	500 hp (373 kW)	1850 lb-ft (2508 N•m) @ 1200 rpm	2100 rpm
ISX15 455	455 hp (339 kW)	1750 lb-ft (2373 N•m) @ 1200 rpm	2100 rpm

Cummins is a pioneer in product improvement. Thus, specifications may change without notice.

# Cummins Onan Commercial Mobile Generators.

## Commercial Mobile Standard Diesel Series

Model	kW	Hz	Voltage	Amps	dBA	Ph	Dimensions in/mm	Weight lb/kg
SD 6.0	6	50	115/230	52.1/26.1	75	1	37/942 x 21/533 x 24/610	491/223
			Reconnectable				3	
SD 7.5	7.5	60	120/240	62.5/31.3	76	1	37/942 x 21/533 x 24/610	491/223
			100/200					
			Reconnectable		3			
SD 8.0	8	50	115/230	70/35	76	1	39/1003 x 21/533 x 26/662	519/236
			Reconnectable				3	
SD 10.0	10	60	120/240	83/42	78	1	39/1003 x 21/533 x 26/662	519/236
			100/200					
			120/240	30	3	40/1028 x 21/533 x 26/662		
SD 20.0	20	60	120/240	167/83	82	1	49/1241 x 24/600 x 28/708	890/404

## Commercial Mobile Quiet Diesel Series

Model	kW	Hz	Voltage	Amps	dBA	Ph	Dimensions in/mm	Weight lb/kg
QD3200	3.2	60	120	26.7	68	1	30/766 x 17/439 x 18/453	205/93
QD5000	4.8	50	230	21	68	1	34/876 x 23/581 x 20/515	400/181
		60	120/240	41.7/20.8				
		60	120/240	12				
QD6000	6	60	120	50	69	1	36/923 x 24/615 x 22/566	420/191
QD6500	6.25	60	100	63	71	1	36/923 x 24/615 x 22/566	420/191
QD7500	7.5	60	120	62.5	71	1	36/923 x 24/615 x 22/566	420/191
QD8000	8	60	120	66.6	72	1	36/923 x 24/615 x 22/566	420/191
		50	230	35	67	1	41/1053 x 25/621 x 27/686	816/370
QD10000	10	60	120/240	83.3/41.7	68	1	41/1053 x 25/621 x 27/686	816/370
QD12000	12	60	120/240	100/50	68	1	41/1053 x 25/621 x 27/686	816/370

# Cummins Onan Commercial Mobile Generators.

## Commercial Mobile Hybrid Quiet Diesel Series

Model	kW	Hz	Voltage	Amps	dBA	Ph	Dimensions in/mm	Weight lb/kg
HQD 8/10	7.5/10	60	120	62.5/83.3	66	1	37/930 x 24/599 x 22/559	391/177 (17/8)
HQD 12/15	12/15	60	120/240	100/125	69	1	41/1044 x 24/612 x 27/686	485/220 (55/25)
HQD 12/18	12/18	60	120/240	100/150	69	1	41/1044 x 24/612 x 27/686	485/220 (55/25)

## Commercial Mobile Quiet LP Series

Model	kW	Hz	Voltage	Amps	dBA	Ph	Dimensions in/mm	Weight lb/kg
QG2000	2	50	230	8.7	68	1	24/610 x 16/417 x 12/310	112/51
QG2500	2.5	60	120	20.8	72	1	24/610 x 16/417 x 12/310	112/51
QG3300	3.3	50	115/230	28.7/14.3	65	1	31/775 x 21/523 x 16/417	174/79
QG3600	3.6	60	120	30	70	1	31/775 x 21/523 x 16/417	174/79
QG5500	5.5	60	120	45.8	66	1	34/853 x 22/563 x 17/425	290/132
QG6500	6.5	60	120	54.2	70	1	34/853 x 22/563 x 17/425	290/132

## Commercial Mobile Quiet Gasoline Series

Model	kW	Hz	Voltage	Amps	dBA	Ph	Dimensions in/mm	Weight lb/kg
QG2300	2.3	50	230	10	68	1	24/610 x 16/417 x 12/310	112/51
QG2800	2.8	60	120	23.3	72	1	24/610 x 16/417 x 12/310	112/51
QG2800	2.8	60	100	25	72	1	24/610 x 16/417 x 12/310	112/51
QG3600	3.6	50	115/230	31.3/15.7	65	1	31/775 x 21/523 x 16/417	174/79
QG4000	4	60	120	33.3	70	1	31/775 x 21/523 x 16/417	174/79
		100	40			3		
QG5500	5.5	60	120/240	45.8/22.9	66	1	34/853 x 22/563 x 17/425	290/132
			120/240	13.2		3		
QG7000	7	60	120/240	58.3/16.8	70	1	34/853 x 22/563 x 17/425	290/132
			120/240	16.8		3		

### Commercial Mobile Hydraulic Series

Model	kW	Hz	Voltage	Amps	Ph	Dimensions in/mm	Weight lb/kg
HG6000	6	60	120/240	50/25	1	31/787 x 16/405 x 14/350	247/112
HG8000	8	50	115/230	69.6/34.8	1	31/787 x 16/405 x 14/350	247/112
		60	120/240	67/33	1	31/787 x 16/405 x 14/350	247/112
HG10000	10	60	120/240	83/42	1	31/787 x 16/405 x 14/350	247/112
HG15000	15	60	120/240	125/63	1	39/995 x 16/405 x 14/350	293/133
HG20000	20	60	120/240	166/83	1	45/1133 x 19/490 x 17/439	680/309
HG25000	25	60	120/240	208/104	1	45/1133 x 19/490 x 17/439	680/309

### Commercial Mobile PTO Series

Model	kW	Hz	Voltage	Ph	Dimensions in/mm	Weight lb/kg
15YD	12	50	115/230	1	26/662 x 14/350 x 15/381	301/137
			Reconnectable	3		
	15	60	120/240	1	Reconnectable	3
20YD	16	50	115/230	1	27/686 x 14/350 x 15/381	352/160
			Reconnectable	3		
	20	60	120/240	1	Reconnectable	3
25YD	20	50	115/230	1	28/711 x 14/350 x 15/381	389/177
			Reconnectable	3		
	25	60	120/240	1	Reconnectable	3
30YD	25	50	115/230	1	30/762 x 14/350 x 15/381	449/204
	30	60	120/240	1		
32YD	25	50	Reconnectable	3	30/762 x 14/350 x 15/381	449/204
	32	60	Reconnectable	3		
35YD	30	50	115/230	1	32/813 x 14/350 x 15/381	506/230
	35	60	120/240	1		
40YD	30	50	Reconnectable	3	32/813 x 14/350 x 15/381	506/230
	40	60	Reconnectable	3		

Note: Other ratings may be available. Please contact your local Cummins Onan Distributor/Dealer.

# Parts And Service You Can Depend On.

## Engine Warranty And Extended Coverage Options.

Our emergency vehicle engines are backed by a worldwide base warranty of 5 years or 100,000 miles (160,935 km), whichever comes first, including parts, labor and towing.

There is no deductible for covered repairs during the first 2 years of the base warranty. A deductible of \$100 (U.S. dollars) per repair applies during the 3rd, 4th and 5th years of the base engine warranty.

Complete details can be found in Cummins Warranty Worldwide Fire Apparatus/Crash Trucks, Bulletin 3381161.

Extended coverage plans are available for Cummins engines powering fire apparatus. This protection includes 100 percent parts and labor with a \$100 deductible after the base warranty.

Extended coverage is available in 5-, 7-, and 10-year optional plans with mileage options of 150,000 miles (241,402 km) and 200,000 miles (321,869 km).

Contact your Cummins distributor or dealer for complete details.

## Power Generator Warranty Coverage.

Cummins Onan products are covered by an extensive warranty that is completely transferable.

QG (5.5, 7.0 kW), SD, QD	2 yrs./2,000 hrs.
QG (2.8, 4.0 kW)	1 yr./1,000 hrs.
HG, PTO	5 yrs./1,000 hrs.

## Peace Of Mind. Everywhere.

Cummins provides fast, reliable support to meet urgent customer needs. Our promise is to deliver the right parts, dependable service and the support you need, when you need it. Cummins certified service locations are staffed by factory-trained technicians with the latest diagnostic and repair equipment. You have the assurance that every job is warranted and backed by Cummins authorized global service network. Dedication to service excellence means that Cummins authorized service centers provide fast, reliable service that you can depend on. Every time.

Visit [cumminsengines.com](http://cumminsengines.com) or [cumminsonan.com](http://cumminsonan.com) to find your nearest Cummins distributor/dealer.

## QuickServe® Online.

Gives rapid access to parts and service information for nearly 11 million engine serial numbers. Part numbers and diagrams, maintenance information and service bulletins, warranty details and more are available every minute of every day via the Internet. See [quickserve.cummins.com](http://quickserve.cummins.com).



## **Genuine Cummins New And ReCon® Parts.**

Our service network of over 6,600 authorized service locations worldwide has access to service information and parts for nearly 11 million Cummins engines and is dedicated to making over 150,000 different Genuine Cummins new and ReCon parts available whenever and wherever needed.



## **Every Question. Answered.**

### **Engines**

- **Cummins Web Site** – For product literature or additional information, visit [cumminsengines.com](http://cumminsengines.com)
- **Cummins Care** – Call 1-800-DIESELS™ (1-800-343-7357), and a Cummins Care representative will help you find the best available service repair location or answer your questions



- **Cummins E-Mail** – For online assistance with Cummins-related questions, click on the Contact Us link in the header at [cumminsengines.com](http://cumminsengines.com)
- **Cummins Online Registration** – Register all your Cummins engines quickly and easily at [cumminsengines.com](http://cumminsengines.com)

### **Generators**

- **Cummins Onan Web Site** – For additional information, visit [cumminsonan.com](http://cumminsonan.com)
- **Cummins Onan Call Center** – Cummins Onan representatives can be reached at 1-800-888-6626
- **Cummins Onan E-Mail** – For online assistance, go to [cumminsonan.com/contact](http://cumminsonan.com/contact)





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