



Powerful. Responsive. Reliable.

Engines And Onan® Commercial Generators
For Fire And Emergency Vehicles.





Total Control From A Single Source.

The secret to better performance, reliability and durability is using a total systems approach. Engines and Onan commercial generators by Cummins are designed to operate together, for maximum reliability, efficiency and performance.

From the industry-leading X15™ to the proven durability of the B6.7™, Cummins has a clean diesel engine that's perfect for every type of fire equipment and every kind of emergency. We also offer a full line of mobile and stationary standby generators, from 2 kW to 1000 kW, to provide the electrical power you need at the scene and in fire stations.

Our products offer outstanding responsiveness and durability, long maintenance intervals, reliability 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.



Cummins is the only engine manufacturer to design, develop and support 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. That's why we can deliver outstanding acceleration and performance while meeting the U.S. Environmental Protection Agency (EPA) greenhouse gas (GHG) and U.S. Department of Transportation (DOT) fuel-efficiency standards for diesel engines. Cummins is a leading choice for custom-built fire and emergency equipment because we continuously strive to respond better.

Proven Technology.

Cummins engines are equipped with the required On-Board Diagnostics system, which continuously monitors the performance of the emissions-related engine systems. The Cummins On-Board Diagnostics system has been proven in thousands of on-road vehicles since 2007.

Equipment You Can Depend On.

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

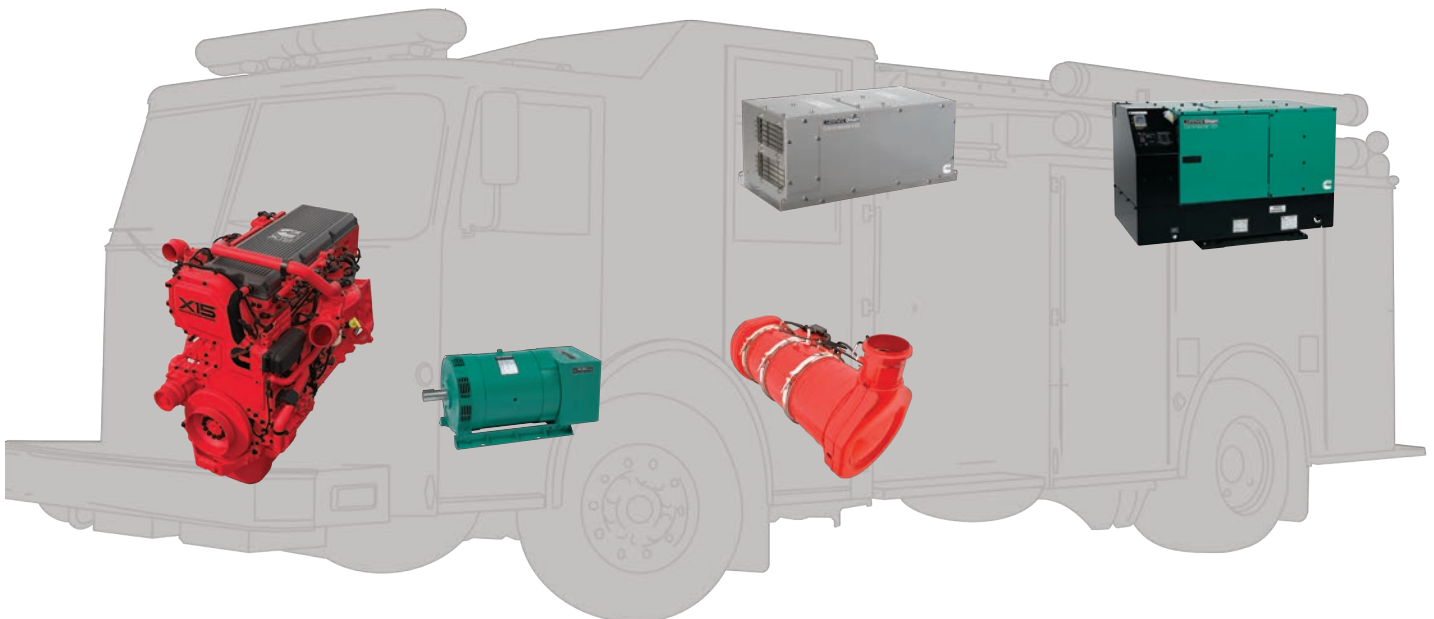
Onan commercial generators deliver big power in a small footprint. In addition to diesel, gasoline- and LP-powered generators, Cummins also offers hydraulic and Power Take-Off (PTO) generators that install easily on your equipment. Every one is designed for reliable power, quiet operation and easy maintenance.

Onan Commercial generators are backed by Cummins excellent warranty and a trained and certified service network. Innovative technology and an unrelenting commitment to quality have made Cummins the brand leader in the industry.



One Company. One Solution.

Using one company to satisfy all your power needs makes your job a lot easier. There's no question that all systems 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 warranties and extended coverage in the business.





B6.7™

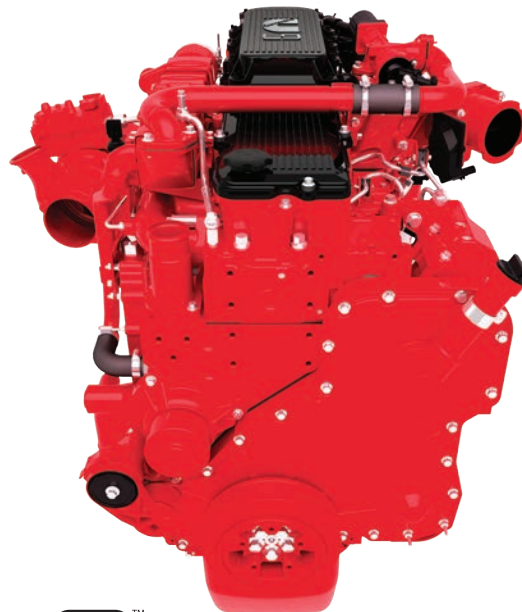
With a proven legacy of over 12 million B Series engines sold over the last 32 years, dependability comes standard with every B6.7 engine. This includes advanced features like the High Pressure Common Rail (HPCR) fuel system and Cummins VGT Turbo, which provide exceptional throttle response at every rpm, faster warm-up and stronger engine braking.

The Single Module™ aftertreatment system weighs 30 percent less and takes up to 70 percent less space. Its exceptional thermal efficiency results in fewer regenerations. It features a second-generation UL2 DEF dosing system for improved reliability, while a highly dependable air intake heater allows for unaided cold starts even at well below 10°F.

As is the case for all Cummins engines powering emergency vehicles, the B6.7 is designed specifically for fire applications. Regeneration or emissions-related faults will not affect power output when it is needed. A custom fire pump governor interface is included as standard equipment on Cummins-powered fire apparatus.

B6.7 Ratings.

Engine Model	Advertised HP (kW) @ RPM	Peak Torque LB-FT (N•m) @ RPM
B6.7 360	360 (269) @ 2400	800 (1085) @ 1800
B6.7 340	340 (254) @ 2600	700 (949) @ 1600
B6.7 325	325 (242) @ 2400	750 (1017) @ 1800
B6.7 300	300 (224) @ 2600	660 (895) @ 1600
B6.7 280	280 (209) @ 2400	660 (895) @ 1600
B6.7 260	260 (194) @ 2400	660 (895) @ 1600



L9™

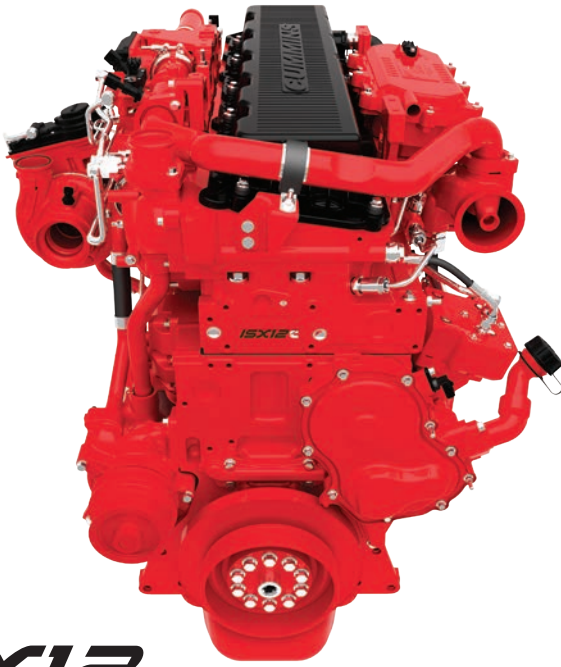
Cummins L9™ offers first responders the best power-to-weight ratio in its class, allowing greater flexibility in cab features. Heavy-duty components such as replaceable wet cylinder liners and roller followers, together with features like a custom fire pump interface, give L9 owners complete confidence.

The L9 shares many of the same advanced features as other Cummins engines, including the VGT Turbocharger, Single Module aftertreatment system and the UL2 dosing system, for maximum dependability and performance when you need it most. All these technological upgrades build on a proven legacy with over 5 million L Series engines built, and 27 years of continuous improvement.

Like all Cummins fire engines, the L9 comes with a 5-year/100,000-mile base warranty, standard.

L9 Ratings

Engine Model	Advertised HP (kW) @ RPM	Peak Torque LB-FT (N•m) @ RPM
L9 450	450 (336) @ 2100	1250 (1695) @ 1400
L9 400	400 (298) @ 2000	1250 (1695) @ 1400
L9 380	380 (283) @ 2000	1150 (1559) @ 1400
L9 370	370 (276) @ 2000	1250 (1695) @ 1400
L9 350	350 (261) @ 2000	1000 (1356) @ 1400
L9 330	330 (246) @ 2000	1000 (1356) @ 1400
L9 300	300 (224) @ 2000	860 (1166) @ 1300
L9 270	270 (201 @ 2000)	800 (1085) @ 1300



ISX12

Cummins ISX12 is built in Jamestown, New York, at the same facility as the industry-leading X15 engine, and shares many common technologies, including the VGT Turbo, XPI fuel system and a single high-capacity Electronic Control Module (ECM) that manages both the engine and the aftertreatment system, for optimum performance and fuel efficiency. Like all Cummins fire and emergency engines, the ISX12 features Fleetguard fuel filters and lube filters with NanoNet® media, for exceptional protection against corrosion and contaminants that can cause performance issues.

Dependability has always been a strong point for the ISX12, growing better each year due to a process of continuous improvement and optimization since its release. A superior regeneration strategy is just the latest advancement. The ISX12 is ideal for heavy-duty apparatus, with ratings ranging from 370 hp to 500 hp (276-373 kW).

The ISX12 engine meets the same EPA and GHG requirements using a Cummins-designed Selective Catalytic Reduction (SCR) unit together with a Diesel Particulate Filter (DPF) in a space-saving switchback configuration aftertreatment.

ISX12 Ratings.

Engine Model	Advertised HP (kW) @ RPM	Peak Torque LB-FT (N•M) @ RPM
ISX12 500	500 (373) @ 1800	1645 (2230) @ 1100
ISX12 450	450 (336) @ 1800	1550 (2102) @ 1100
ISX12 425	425 (317) @ 1800	1550 (2102) @ 1100
ISX12 400	400 (298) @ 1800	1550 (2102) @ 1100
ISX12 400	400 (298) @ 1800	1450 (1966) @ 1100
ISX12 370	370 (276) @ 2100	1450 (1966) @ 1100



X15™

The engine that fire companies demand for power and performance in pumpers, heavy rescues and aerials is Cummins X15. The X15 Performance Series is quicker, stronger and more reliable than ever, with an industry-leading 600 hp available under the hood plus 600 braking horsepower from the integrated engine brake. There is also quicker transient response and engine warm-up, thanks to the VGT Turbocharger.

The Single Module aftertreatment system is 40 percent lighter, takes up 60 percent less space and can be positioned closer to the engine for better heat utilization, fewer regenerations and better fuel economy.

Service is faster and easier than ever thanks to Cummins suite of over-the-air technologies for engine performance monitoring, calibration updates and remote diagnostics. What's more, the X15 has extended maintenance intervals thanks to a new crankcase ventilation system and power cylinder improvements that result in a 40 percent reduction in oil consumption.

X15 Ratings.

Engine Model	Advertised HP (kW) @ RPM	Peak Torque LB-FT (N•M) @ RPM
X15 600	600 (447) @ 1800	1850 (2508) @ 1150
X15 565	565 (421) @ 1800	1850 (2508) @ 1150
X15 505	505 (377) @ 1800	1850 (2508) @ 1150

X12™

Cummins X12 for 2018 redefines the entire 12- to 13-liter engine category, setting a new standard for unbeatable performance in all types of equipment including fire apparatus.

At just 2,050 pounds, it has the highest power-to-weight ratio of any heavy-duty engine from 10 to 16 liters in size. It is at least 150 pounds lighter than competitive 11-liter engines and up to 600 pounds lighter than competitive 13-liter engines. Yet the X12 still delivers powerful performance from 455 hp to 500 hp with 1550 to 1695 lb-ft of peak torque. The lighter weight reduces front axle loads and allows fire departments flexibility in cab design features and equipment.

Building On Our Strengths.

X12 engines spec'd for emergency vehicles incorporate specific calibrations and feature settings to meet the unique needs of emergency responders.

The X12 is built in Jamestown, New York, in the same production facility as the Cummins X15, and shares many heavy-duty technologies, including our proprietary Cummins VGT Turbocharger, XPI fuel system, ECM and our new Single Module aftertreatment system.

Proven In The Toughest Tests.

The X12 has been put through over 1 billion miles of real-world experience by 100,000 X12 engines that are already in service. It's an engine platform that's been tested and proven in the toughest, most challenging operations around the world, including an Australian B-Double and a German Snowgroomer, so you know it will meet the challenges of your emergency vehicles.



Improvements From Start To Stop.

The X12 is designed to deliver exceptional throttle response for inner-city stop-and-go operations. Plus, a new engine brake design improves stopping power and lengthens service brake life.

X12 Ratings.

Engine Model	Advertised HP (kW) @ RPM	Peak Torque LB-FT (N•M) @ RPM
X12 500	500 (373) @ 1800	1695 (2298) @ 1000
X12 455	455 (339) @ 1600	1550 (2103) @ 1000

X12 Specifications

Configuration	Inline 6	
Displacement	720 cu in	11.8 L
Lube Oil Capacity	42 qt	39.8 L
Biodiesel compatibility	Up to B20	
Engine Braking Horsepower	Up to 450 hp @ 2300 rpm	
Idle Speed	600-800 rpm	
Governed Speed	2000 rpm	
Engine Weight (Dry)	2050 lb	930 KG
Aftertreatment System	191 lb	87 KG

Powerful At The Scene.



Single Module Aftertreatment System.

One of the biggest improvements is our proprietary Cummins Single Module aftertreatment system.

With the Single Module aftertreatment system, all emission control functions are contained in a single unit that is up to 40 percent lighter in weight and 70 percent smaller in size (depending on engine and specification). The compact size enables exceptional thermal efficiency, which results in fewer regenerations, better fuel efficiency and reduced maintenance. Both the engine and aftertreatment system are controlled by a robust ECM that optimizes performance as it meets the near-zero emissions levels.

Of course all Cummins engines for the fire and emergency vehicle market meet OBD and GHG requirements. The Single Module aftertreatment system comes standard on X15, X12, L9 and B6.7 engines.

Expert Guidanz™ For Better Service.

Cummins reputation for accuracy and efficiency in vehicle and equipment servicing is taking a quantum leap forward. We're streamlining functions for faster diagnosis with over-the-air capabilities, including state-of-the-art pre-emptive diagnostics that provide in-mission fault code identification for any Cummins electronic engine.

Diagnostics can now be performed on location with your equipment using a smartphone or tablet in conjunction with our new Guidanz mobile app and INLINE™ mini adapter. Information gathered during the diagnosis process can be provided to a Cummins location to obtain a quick and accurate quote with identified parts and repair times, every time via email. Guidanz at the service location even integrates the engine's service history and warranty claims into one seamless, highly efficient system.



Hydraulic Generators. 6-25 kW.

Cummins offers Onan Commercial HG hydraulic generators 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. A digital display keeps operators updated on generator system details.

- Dual-flow control valves (patent pending) provide improved frequency control for operation of sensitive electronic equipment on the fly and at the scene
- High-performance motor-starting capability for heavy loads
- Hall effect frequency monitoring provides tighter frequency control virtually eliminating hunting
- The Hall effect system is not susceptible to conducted emittance noise or waveform distortion caused by equipment such as Variable Frequency Drive fans, extraction tools, LED lights, etc.
- Meets full load capability at 120°F (49°C) ambient temperature
- 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 and compact size offer several mounting options
- Full power available on the fly
- Best warranty in the industry

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

Onan Commercial PT series of 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, bi-directional rotation with a radial fan and a remote, 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 a shaft-mounted centrifugal fan
- Skewed stator for low harmonic distortion
- Class H insulation with a 356°F (180°C) temperature rating
- Reconnectable three-phase and single-phase output available
- Best warranty in the industry



Standby Generators. 10-1000 kWe.

Cummins standby power systems run on diesel, natural gas or liquid propane, delivering 10 to 1000 kWe. To correctly size a standby generator for your station, visit power.cummins.com.

Generator features:

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

Cummins Generators.

Standby Generators

Model	kW	Hz	Voltage	Ph	Dimensions in/mm	Weight lb/kg
RS13A	13	60	120/240	1*	53/1,346x43/1,092x35/889	460/209
RS 20A	20	60	120/240	1*	53/1,346x43/1,092x35/889	540/245
C22N6	22	60	120/240	1*	72/1,829x34/864x45.5/1,156	1,170/530
C30N6	30	60	120/240	1*	94/2,388x34/864x45.5/1,156	1,231/558
GGPC	50	60	120/240	1*	101.5/2,578x41.3/1,049x72/1,829	2,891/1,311
GGHE	60	60	120/240	1*	101.5/2,578x41.3/1,049x72/1,829	2,991/1,357
GGHF	70/75	60	120/240	1*	101.5/2,578x41.3/1,049x72/1,829	3,108/1,410
GGHG	85	60	120/240	1*	142/3,607x60/1,524x70/1,778	2,925/1,327
GGHH	100	60	120/240	1*	142/3,607x60/1,524x70/1,778	2,973/1,349

*3 phase models also available.

Onan Commercial SD Series

Model	kW	Hz	Voltage	Amps	dBA	Ph	Dimensions in/mm	Weight lb/kg
SD 6.0	6	50	115/230 Reconnectable	52.1/26.1	75 3	1	37/940 x 21/533 x 24/610	490/222
SD 7.5	7.5	60	120/240 100/200 Reconnectable	62.5/31.3 75/37.5	76 1 3	1	37/940 x 21/533 x 24/610	490/222
SD 8.0	8	50	115/230 Reconnectable	70/35	76 3	1	40/1016 x 21/533 x 26/660	520/236
SD 10.0	10	60	120/240 100/200 120/240	83/42 100/50 30	78 1 3	1	40/1016 x 21/533 x 26/660	520/236

Onan Commercial QD Series

Model	kW	Hz	Voltage	Amps	dBA	Ph	Dimensions in/mm	Weight lb/kg
QD5000	4.8 5 5	50 60 60	230 120/240 120/240	21 41.7/20.8 12	68 1 3	1	34/876 x 23/581 x 20/515	400/181
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 50	120 230	66.6 35	72 67	1 1	36/923 x 24/615 x 22/566 41/1,053 x 25/621 x 27/686	420/191 816/370
QD10000	10	60	120/240	83.3/41.7	68	1	41/1,053 x 25/621 x 27/686	816/370
QD12000	12	60	120/240	100/50	68	1	41/1,053 x 25/621 x 27/686	816/370

Onan Commercial HG Series

Model	kW	Hz	Voltage	Amps	Ph	Dimensions in/mm	Weight lb/kg
HG6000	6	60	120/240	50/25	1	31/787 x 16/406 x 14/356	247/112
HG8000	8	50	115/230	69.6/34.8	1	31/787 x 16/406 x 14/356	247/112
		60	120/240	67/33	1	31/787 x 16/406 x 14/356	247/112
HG10000	10	60	120/240	83/42	1	31/787 x 16/406 x 14/356	247/112
HG15000	15	60	120/240	125/63	1	39/991 x 16/406 x 14/356	293/133
HG20000	20	60	120/240	166/83	1	44/1118 x 19/483 x 17/432	679/308
HG25000	25	60	120/240	208/104	1	45/1118 x 19/483 x 17/432	679/308

Onan Commercial PT Series

Model	kW	Hz	Voltage	Ph	Dimensions in/mm	Weight lb/kg
15YD	12	50	115/230	1	26/660 x 14/356 x 15/381	301/137
			Reconnectable	3		
	15	60	120/240	1		
			Reconnectable	3		
20YD	16	50	115/230	1	27/686 x 14/356 x 15/381	352/160
			Reconnectable	3		
	20	60	120/240	1		
			Reconnectable	3		
25YD	20	50	115/230	1	28/711 x 14/356 x 15/381	389/176
			Reconnectable	3		
	25	60	120/240	1		
			Reconnectable	3		
30YD	25	50	115/230	1	30/762 x 14/356 x 15/381	449/204
	30	60	120/240	1		
32YD	25	50	Reconnectable	3	30/762 x 14/356 x 15/381	449/204
	32	60	Reconnectable	3		
35YD	30	50	115/230	1	32/813 x 14/356 x 15/381	506/230
	35	60	120/240	1		
40YD	30	50	Reconnectable	3	32/813 x 14/356 x 15/381	506/230
	40	60	Reconnectable	3		

Note: Other ratings may be available. Please contact your local Cummins Onan distributor/dealer.





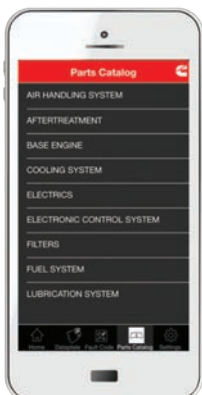
Engine Warranty And Extended Coverage Options.

Our emergency vehicle engines are backed by a base warranty of 5 years/100,000 miles (160,934 km), whichever comes first, including parts, labor and towing. Customers may also opt for up to 8 years of optional full engine coverage, including injectors. Cummins also offers up to 10 years of major components extended coverage. Contact your Cummins distributor or dealer for details.

Generator Warranty Coverage.

Cummins provides extensive coverage for Onan Commercial generators from the warranty start date for full 5 years or 1,000 hours (whichever occurs first). This includes all parts and labor required to repair the product due to a defect in materials or workmanship. During the first two years, the base warranty also includes maintenance items contaminated or damaged by the warrantable failure, plus travel time of up to 2.5 hours and mileage up to 100 miles on any warranty related repair.

Cummins QuickServe® Mobile App And Connected Diagnostics.™



Cummins QuickServe Online mobile app provides you easy access to all the information you need, 24/7/365. Just enter an Engine Serial Number (ESN), and the information is at your fingertips, anywhere you have cellular or Internet access. Part options and parts listings. Data plate information. Fault code analysis. Prioritized troubleshooting.

It's all available for free, and can be used on any Apple® or Android® device. Emergency vehicles that are equipped with telematics devices have additional real-time capabilities using Connected Diagnostics.

This system provides immediate diagnosis of an engine system fault alert, and delivers a driver-recommended action within seconds. Connected Diagnostics automatically identifies the nearest Cummins-certified repair location with factory-certified technicians, and even creates a work order.



Cummins Care: Beyond Support.

Cummins customers have access to the largest and most capable parts and service network in North America, with over 3,500 authorized locations. All of which have access to a full inventory of Genuine Cummins new and ReCon® parts. Each location has certified technicians on staff with the necessary training and tools to promptly handle service issues. Plus, a new streamlined system at Cummins Care immediately connects you with the exact level of expert assistance you need for prompt response – whenever you call 1-800-CUMMINS™ (1-800-286-6467).

Every Question. Answered Online.

For additional information about generators for fire and emergency use, visit power.cummins.com, and for engines, visit us at cumminsengines.com.

Contact Us.

For all Cummins questions about engines, generators or service locations, call 1-800-CUMMINS™ (1-800-286-6467) or visit your local Cummins distributor.



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