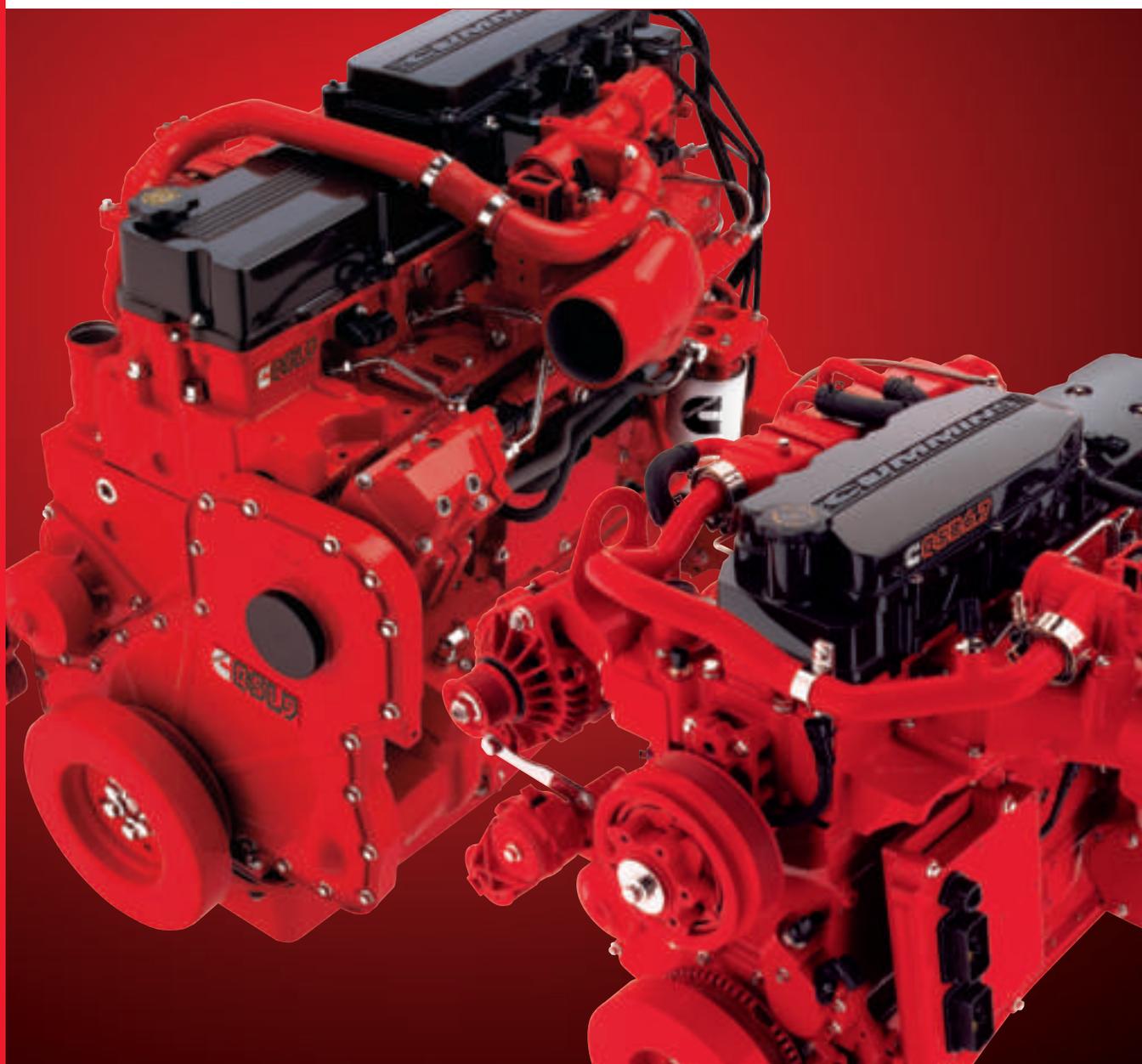




Clear Advantage. Every™ Engine.

QSB6.7 And QSL9 (190-400 hp)
Tier 4 Interim/Stage IIIB



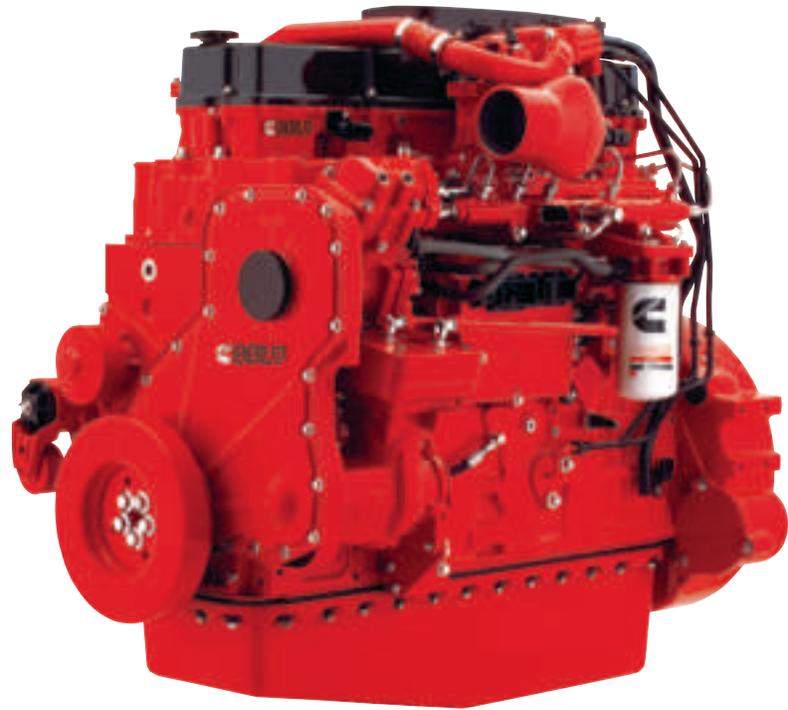
Clear Advantage. Every™ Engine.

Your Best Solution. Every Time.

With the arrival of more stringent emissions regulations, Cummins has the best technology to meet your power needs. Cummins gives your equipment a clear advantage, improving fuel economy, power and torque while delivering reliable and durable performance. In addition, equipment operators appreciate significantly lower noise levels with smoother engine operation.

EPA Tier 4 Interim/Euro Stage IIIB regulations took effect January 1, 2011. The regulations require a major reduction of Particulate Matter (PM) and also require significant oxides of nitrogen (NOx) reductions. These new restrictions drive the need for cooled Exhaust Gas Recirculation (EGR) – a proven technology since 2002 – and the Cummins Particulate Filter exhaust aftertreatment. The Cummins Particulate Filter requires no operator action during normal operation, and reduces particulate matter by 90%.

Cummins QSB6.7 and QSL9 are designed with a common architecture to take on your toughest jobs with a fully integrated system from air intake to exhaust aftertreatment. We've enhanced every aspect of our existing Tier 3 engines. They deliver up to 5% better fuel economy, which lowers your operating costs.



The QSB6.7 and QSL9 meet all the necessary clean engine requirements, including a crankcase ventilation filter that eliminates oil mist.

Extensive field tests in a variety of equipment have shown 99% uptime, equal to our existing Tier 3 products. Torque and power have also increased, and with the incorporation of our aftertreatment system, you will see increased productivity.

The QSB6.7 and QSL9 represent the next step in the evolution of Cummins technology, built on proven expertise to deliver durable, dependable performance and the exceptional productivity you expect from the world's largest independent diesel engine manufacturer. Every engine. Every time.

Our tools are also ready for EPA Tier 4 Interim/ Euro Stage IIIB. Both QuickCheck 5200 and QuickServe® Online are equipped for the next stage of emissions standards, fully backed by the most capable support network in the business.





Cummins QSB6.7.

QSB6.7 engines above 174 hp (130 kW) meet 2011 Tier 4 Interim/Stage IIIB emissions standards with the combination of a proven cooled-EGR system, High Pressure Common Rail (HPCR) fuel system and a Cummins Particulate Filter. The QSB6.7 is also complemented by our patented VGT™ Turbocharger, which continuously varies the airflow boost to precisely match engine rpm and load demands for optimal performance. These engines feature the Cummins Direct Flow™ air filter, which has a smaller profile than radial filters. The result is an engine that fits into existing equipment, delivers better performance with faster cycle times and gets up to 5% better fuel economy than the previous model.

Cummins understands the importance of maintaining the low cost of ownership for QSB6.7 owners. With superior performance, fuel economy and overall value, the QSB6.7 is best in its class.

QSB6.7 Ratings Above 174 hp

ENGINE MODEL	RATED HP(KW) @ RPM	PEAK HP(KW) @ RPM	PEAK TORQUE LB-Ft(N•M) @ RPM
QSB6.7 300*	300 (224) @ 2500	300 (224) @ 2300	760 (1030) @ 1800
QSB6.7 275	275 (205) @ 2500	275 (205) @ 2300	730 (990) @ 1500
QSB6.7 260	260 (194) @ 2500	270 (201) @ 2300	730 (990) @ 1500
QSB6.7 260	260 (194) @ 2200	270 (201) @ 2000	730 (990) @ 1500
QSB6.7 250	250 (186) @ 2000	250 (186) @ 2000	730 (990) @ 1500
QSB6.7 240	240 (179) @ 2500	250 (186) @ 2300	730 (990) @ 1500
QSB6.7 240	240 (179) @ 2200	250 (186) @ 2000	697 (945) @ 1500
QSB6.7 225	225 (168) @ 2500	235 (175) @ 2300	655 (888) @ 1500
QSB6.7 225	225 (168) @ 2100	225 (168) @ 2100	700 (949) @ 1500
QSB6.7 220**	220 (164) @ 2200	230 (172) @ 2000	697 (945) @ 1500
QSB6.7 220**	220 (164) @ 2000	230 (172) @ 1800	700 (949) @ 1400
QSB6.7 215**	215 (160) @ 1800	215 (160) @ 1800	685 (929) @ 1300
QSB6.7 200**	200 (149) @ 2200	200 (149) @ 1900	685 (929) @ 1500
QSB6.7 195	195 (145) @ 2500	200 (149) @ 2300	575 (780) @ 1500
QSB6.7 190**	190 (142) @ 2000	190 (142) @ 1800	597 (809) @ 1500

QSB6.7 Specifications

Engine Type	In-Line, 6-Cylinder	
Displacement	408 cu in	6.7 Liters
Rated Power	190-300 hp	142-224 kW
Peak Torque	575-760 lb-ft	780-1030 N•m
Bore and Stroke	4.21 in x 4.88 in	107 mm x 124 mm
Aspiration	Turbocharged and Charge Air Cooled	
Oil System Capacity	25.3 U.S. Quarts	23.9 Liters
Length	41.7 in	1059 mm
Width	28.6 in	726 mm
Height	37.8 in	960 mm
Weight (Wet)	1,144 lb	519 kg
(Dry)	1,100 lb	499 kg
(Aftertreatment System)***	82 lb	37 kg

QSB6.7 Maintenance Intervals

	Hours
Oil and Filter	500
Overhead Adjustment	5,000
Coalescing Filter	2,000
Diesel Particulate Filter	5,000

*Indicates a restricted rating

**Indicates a continuous rating

***Depending on configuration

All ratings are intermittent unless otherwise noted. Additional ratings may be available. Check with your Cummins distributor or dealer.



Cummins QSL9.

Built on a heritage of reliability and durability, Cummins QSL9 for 2011 Tier 4 Interim/Stage IIIB regulations takes a major step forward with the introduction of an Xtra-High Pressure Injection (XPI) fuel system. This heavy-duty system delivers a constant stream of pressurized fuel across all engine rpm speeds, providing cleaner combustion and improved engine response with multiple injections every combustion cycle. The fuel system is complemented by Cummins VGT Turbocharger, which continuously varies the airflow to precisely match engine rpm and load demands for optimal performance. Power output ranges from 230-400 hp (172-298 kW), delivering improved performance for a wide range of power solutions.

Each component and system is carefully matched and managed through a more robust Electronic Control Module (ECM) and the Cummins Particulate Filter. The total integration and optimization of all elements working together results in better performance, lower maintenance and up to 5% better fuel economy than the previous model. The QSL9 for Tier 4 Interim/Stage IIIB is designed to provide the lowest cost of operation in its class, delivering superior lifetime value.

QSL9 Ratings

ENGINE MODEL	RATED HP(KW) @ RPM	PEAK HP(KW) @ RPM	PEAK TORQUE LB-Ft(N•M) @ RPM
QSL9 380*	380 (283) @ 2100	400 (298) @ 2000	1200 (1627) @ 1500
QSL9 365*	365 (272) @ 2100	375 (280) @ 1900	1113 (1509) @ 1500
QSL9 350*	350 (261) @ 2100	370 (276) @ 1900	1100 (1491) @ 1500
QSL9 340*	340 (254) @ 1800	340 (254) @ 1800	1100 (1491) @ 1400
QSL9 320	320 (239) @ 2100	340 (254) @ 1900	1050 (1424) @ 1500
QSL9 320	320 (239) @ 2200	345 (257) @ 2000	1020 (1383) @ 1500
QSL9 320**	320 (239) @ 1800	320 (239) @ 1800	1000 (1356) @ 1400
QSL9 300	300 (224) @ 2000	325 (242) @ 1700	1070 (1451) @ 1400
QSL9 300	300 (224) @ 2000	320 (239) @ 1800	1000 (1356) @ 1450
QSL9 300	300 (224) @ 2100	320 (239) @ 1900	1020 (1383) @ 1500
QSL9 290	290 (216) @ 2200	310 (231) @ 2000	1000 (1356) @ 1500
QSL9 285	285 (213) @ 2000	310 (231) @ 1700	1070 (1451) @ 1400
QSL9 275	275 (205) @ 2200	290 (216) @ 2000	895 (1213) @ 1500
QSL9 265	265 (198) @ 2000	265 (198) @ 2000	800 (1085) @ 1400
QSL9 260	260 (194) @ 2200	280 (209) @ 2000	835 (1132) @ 1500
QSL9 250	250 (186) @ 2200	250 (186) @ 1800	800 (1085) @ 1500
QSL9 230	230 (172) @ 2000	230 (172) @ 2000	675 (915) @ 1500

QSL9 Specifications

Engine Type	In-Line, 6-Cylinder	
Displacement	543 cu in	8.9 Liters
Rated Power	230-380 hp	172-283 kW
Peak Torque	675-1200 lb-ft	915-1627 N•m
Bore and Stroke	4.49 in x 5.69 in	114 mm x 145 mm
Aspiration	Turbocharged and Charge Air Cooled	
Oil System Capacity	24 U.S. Quarts	22.9 Liters
Length	44.4 in	1128 mm
Width	27.7 in	704 mm
Height	45.9 in	1166 mm
Weight (Wet)	1,636 lb	742 kg
(Dry)	1,594 lb	723 kg
(Aftertreatment System)***	106 lb	48 kg

QSL9 Maintenance Intervals

	Hours
Oil and Filter	500
Overhead Adjustment	5,000
Coalescing Filter	2,000
Diesel Particulate Filter	5,000

*Indicates a restricted rating

**Indicates a continuous rating

***Depending on configuration

All ratings are intermittent unless otherwise noted. Additional ratings may be available. Check with your Cummins distributor or dealer.

Cummins Particulate Filter.

The proven Cummins Particulate Filter reduces particulate matter by over 90%. This insulated filter is integrated with the Cummins VGT Turbocharger as a single electronic system, driven by the ECM to maximize particulate filter self-regeneration. Its rugged design has been optimized to handle any equipment shock and vibration loads. The Cummins Particulate Filter is passive up to 99% of the time, depending on duty cycle. No incremental actions are required by the operator to keep the particulate filter clean. No burner is required to generate additional heat.

Every Confidence.

QSB6.7 and QSL9 engines come with a full 2-year/2,000-hour warranty that covers all Cummins branded components, including the engine and exhaust aftertreatment. Major components coverage continues into the third year, up to 10,000 hours of operation from the date each engine is put in service. Three simple steps explain everything you need to know:

Step One: Full coverage on all Cummins industrial engines and branded components with unlimited hours for the first year of operation. This includes Cummins branded electrics such as alternators, starters and the Cummins Particulate Filter.

Step Two: Full coverage is extended for the second year, up to 2,000 hours of operation. Total hours are cumulative from the date the engine goes in service.

Step Three: Major components coverage, including block, crankshaft, camshaft and rods on all products for the third year or up to 10,000 hours of operation. Total hours are cumulative from the date the engine goes in service.

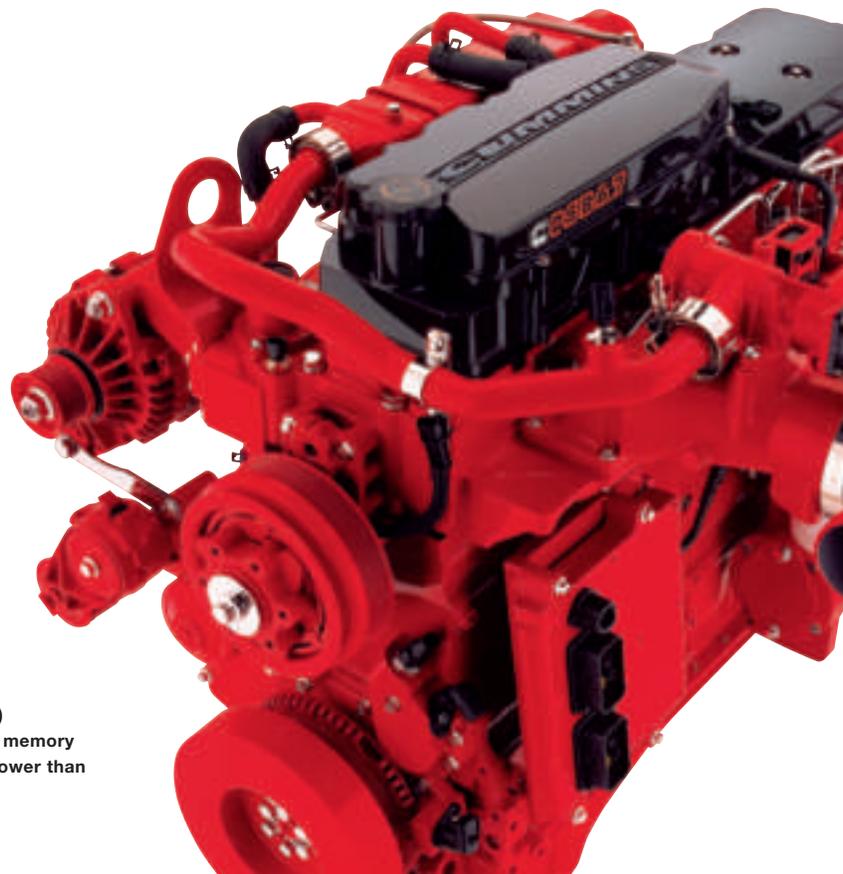
Cummins Electronic Control Module (ECM)
Two times the speed, two times increased memory capability, three times faster processing power than the previous model.



Encompass Extended Coverage.

Encompass gives you a flexible choice of plans that include parts and labor, or parts, labor and travel coverage. Encompass protection plans are available with your choice of up to five years of extended coverage with unlimited hours.

Encompass protection plans may be purchased up to six months after the in-service date of your Cummins QSB6.7 or QSL9 engine. See your Cummins distributor for pricing. For additional details, ask to see our Industrial Encompass Protection Plan brochures.



Tools At Your Fingertips.

QuickCheck 5200.

The QuickCheck 5200 handheld computer transforms the way you look at engine data. It has a brilliant color screen, faster processing speeds, greater memory and longer battery life than its predecessor.

The rugged, portable and user-friendly QuickCheck 5200 is fully compatible with any electronic engine. Powered by the Microsoft Windows CE operating system, the QuickCheck 5200 device features an integrated data link adapter that connects to your engine via J1587 or J1939 industry-standard data links for rapid, trouble-free data capture. No separate adapter is required.

QuickCheck is ready to operate for Tier 4 Interim and all previous engine platforms. For a demonstration or to buy Cummins QuickCheck 5200, see your Cummins dealer or distributor.



QuickServe® Online.

As a Cummins owner, you have access to one of the most comprehensive and powerful parts and service tools in the industry – Cummins QuickServe Online.

This is the same web site used by Cummins certified technicians to get parts and service information about your engine. And while it contains parts and service data for over 11 million engines, finding the information for your QSB6.7 or QSL9 engine takes just seconds.

The first step is to register your engine. Go to quickserve.cummins.com and click on “Create an Account.” There you will see the different subscription plans you can choose from. You have the option to register for free or purchase one of the subscription plans to access additional information. Once you have registered, you simply enter the engine serial number listed on your data plate, and you will be able to view customized information about your engine at your convenience.

For an annual subscription fee, you can register for the Limited Owners Plan to get access to a cross-reference of Cummins ReCon® parts, service bulletins and the latest repair procedures. QuickServe Online even gives exploded parts diagrams to help with identification of components in subassemblies.

With the Limited Owners Plan, you can use the Shopping Cart feature to create a pick list of parts that you need. Distributor contact information is available online so you can review your parts list with your local Cummins distributor to make sure that you have every part needed to complete your engine repair. To register, visit quickserve.cummins.com.



INSITE.™

INSITE is a PC-based software application that provides quick and easy access to your engine's electronic performance information, which enables faster service turnaround times. INSITE helps ensure accurate procedures and diagnoses, and limits downtime while increasing productivity and profits.

Cummins INSITE software supplies engine information quickly, getting the inside details you need. No matter what kind of equipment you run, INSITE is the one support product to have in your virtual toolbox to fit every Cummins electronic engine regardless of emissions level.

Every Question. Answered.

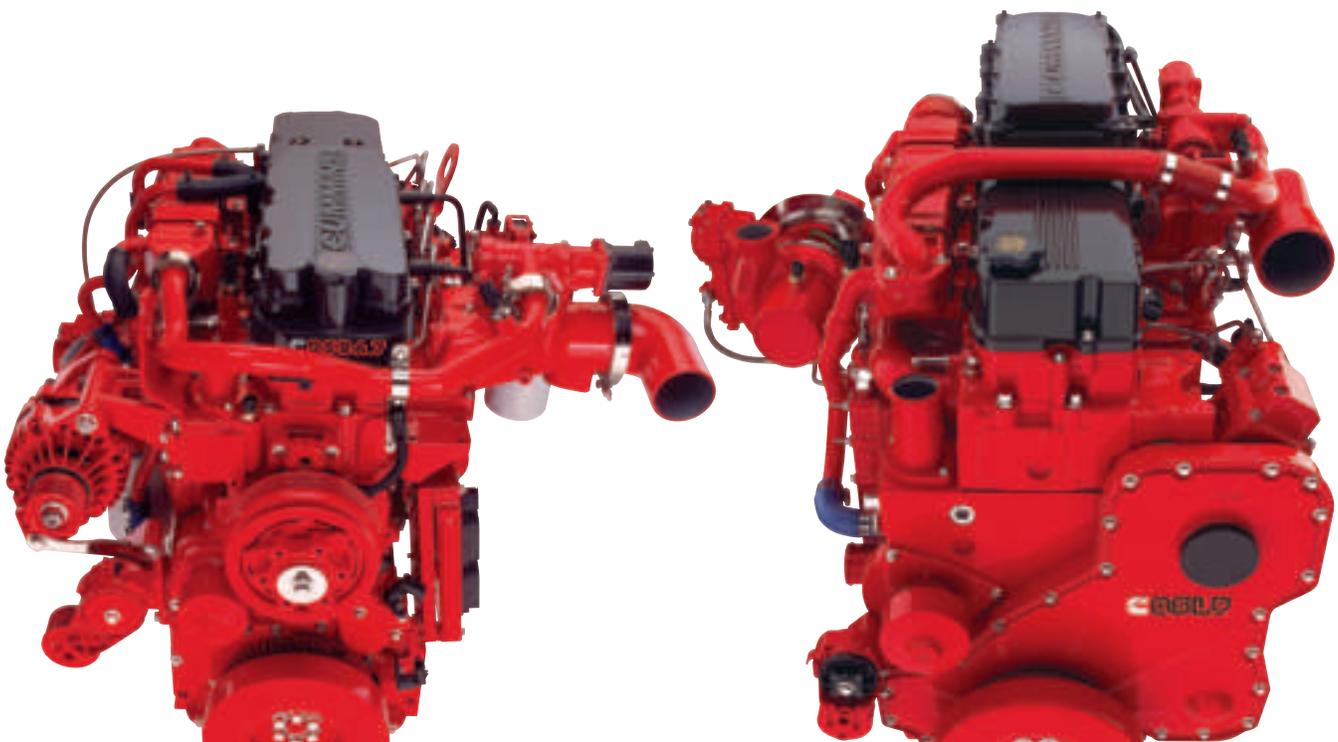
To learn more about Tier 4 Interim/Stage IIIB, please see www.Tier4.info. If you have additional questions regarding Cummins engines, or want to register your engine, use one of the following methods to contact us:

Service Network – Cummins engines are backed by the strength of Cummins global network of over 6,600 service locations worldwide.

Cummins Care – For questions regarding your Cummins engine or for assistance in finding a repair facility, call Cummins Care at 1-800-DIESELS™ (1-800-343-7357). Customers in Europe, the Middle East or Africa should call +44 (0) 1327 886464, or e-mail cabo.customerassistance@cummins.com.

For online assistance to Cummins-related questions, click on the “Contact Us” link in the header at cumminsengines.com.

Cummins Online Registration – Register all your Cummins engines quickly and easily at cumminsengines.com to ensure quality parts and service for your engine.





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