

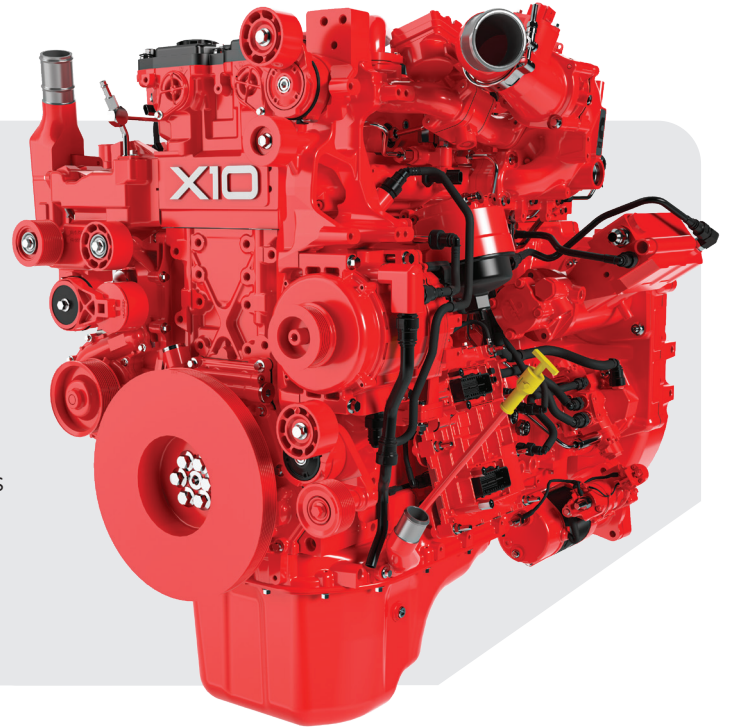


X10™

For fire and emergency vehicles

The latest technology to meet EPA2027 emissions

The next evolution in power and performance. Get ready for the engine developed to take on the toughest challenges and meet stringent emissions regulations to power your success. Cummins continues its commitment to advancing internal combustion technology.



Performance and stability

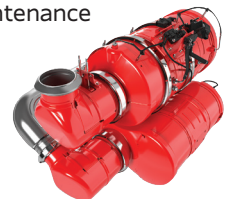
- **Dependable power:** New piston bowl with higher compression ratio produces up to 450 hp / 1650 lb-ft torque to get up and moving quickly.
- **Safe stops:** Dual Overhead Cam enables High Power Density engine brake (up to 450 hp).
- **Reduced noise:** Rear gear train optimization improves dependability and reduces noise, while improving reliability and strength.
- **Refined features:** Increased REPTO torque for up to 590 lb-ft of continuous operation.

Dependability

- **Validation:** By testing in a diverse set of vehicles and vocations, Cummins is ensuring dependable operation.
- **Confident starting capability:** The X10 fuel system incorporates a thermal recirculation valve to aid in cold starts and a priming pump for efficient startability.

Designed for the fire service

- **Durability through and through:** Heavy-duty design, an evolution of the X12, and shared components with X15 ensure a long-life engine for long life equipment.
- **Improved emissions:** The 48V Smart Alternator enables on-demand thermal management, optimizing engine efficiency, and performance that is maintenance free. Dual SCR catalysts provide greater NOx conversion efficiency. This system enables quicker and more efficient AT warm-up than with traditional thermal management methods.
- **Advanced technology, improved serviceability:** Cartridge style lube and fuel filters to improve cost of maintenance and reduce environmental impact.
- **Lightest in class:** System weight coming in at just 328 lbs. heavier than L9, and 93 lbs. lighter than X12, the X10 is the right size for added power and still lightest in its class.
- **No derates:** Emissions related faults do not affect power output allowing you to complete your mission.





For fire and emergency vehicles

Support

- **Improved equipment availability:** Ask your OEM about the availability of enhanced remote diagnostics, real time notifications through Acumen and Connect Diagnostics, and the ability to update calibrations remotely to minimize your trips to a service facility for updates.
- **Warranty:** Full engine and aftertreatment coverage for five-years or 100,000 miles in emergency vehicles is standard. Extended coverage is available.
- **Strong service network:** Cummins-powered fire trucks and emergency vehicles are backed by the largest and most capable parts and service network in North America, with over 3,500 locations that provide parts and over 2,000 that can perform warranty repairs. Our authorized service technicians are fully trained on all Cummins engines, and have the necessary equipment, and Genuine Cummins Parts to promptly handle any service issue.

X10 maintenance intervals

Maintenance Event	Medium-duty and heavy-duty
Oil and filter	Up to 18 months
Valve lash adjustment	6.750 hours/up to 10,000 hours max
DPF clean	6.750 hours/up to 10,000 hours max
DEF filter change	6.750 hours/up to 10,000 hours max
Base warranty	5 yr / 100k mi

*Preliminary information that is subject to change following our extensive testing

Additional assistance

Cummins Care is available 24/7/365 at 1-800-CUMMINS (1-800-286-6467) to answer any maintenance or operational questions.

X10 Ratings

We will retain all of the current ratings that the L9 offers and add additional ratings with higher torque from 1,350 up to 1,650 lb-ft.

Model	Maximum power (HP @ rpm)	Peak torque (lb-ft@rpm)	Family
X10 450	450 @ 1800	1650 @ 1000	HHD
X10 450	450 @ 1800	1450 @ 1000	HHD
X10 410	410 @ 1800	1450 @ 1000	HHD
X10 400	400 @ 1800	1650 @ 1000	HHD
X10 380	380 @ 1800	1450 @ 1000	HHD
X10 370	370 @ 1800	1250 @ 1000	HHD
X10 350	350 @ 1800	1350 @ 1000	HHD
X10 450	450 @ 2100	1250 @ 1200	MHD
X10 400	400 @ 2200	1250 @ 1200	MHD
X10 380	380 @ 2200	1150 @ 1200	MHD
X10 370	370 @ 2100	1250 @ 1200	MHD
X10 360	360 @ 2200	1150 @ 1200	MHD
X10 320	320 @ 2200	1000 @ 1200	MHD

Cummins Inc. will claim all emissions credits authorized by EPA, CARB, or CARB-adopting state regulations for sale of our engines. This may result in products being ineligible for purchase using certain grant or incentive funding ("voluntary purchase incentive program(s)"). Purchasers and users of products are solely responsible for ensuring their compliance with the terms of any voluntary purchase incentive program(s).



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