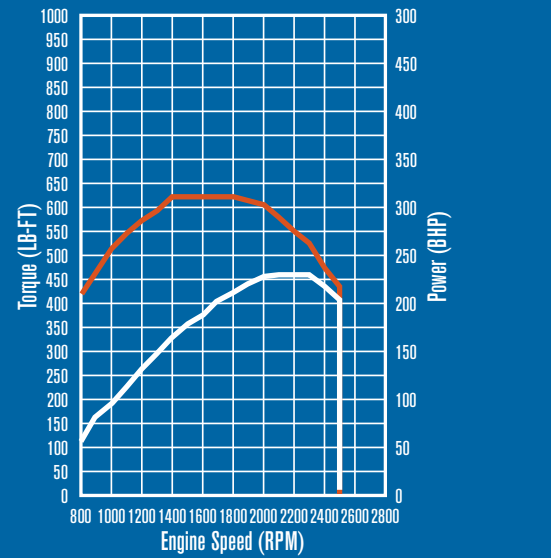
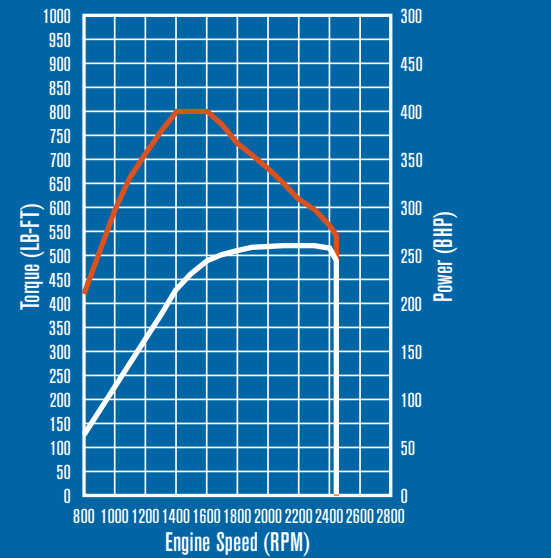


MAXXFORCE DT PERFORMANCE — TORQUE — POWER

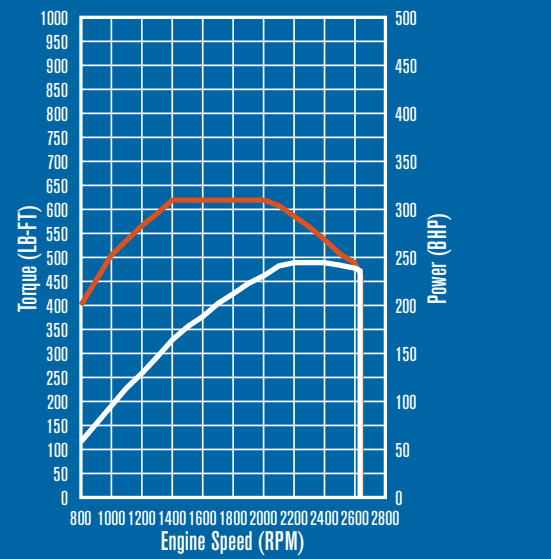
230 HP / 620 LB-FT



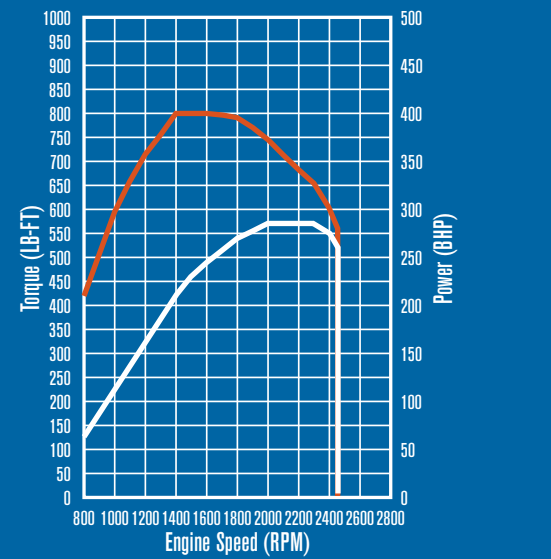
260 HP / 800 LB-FT



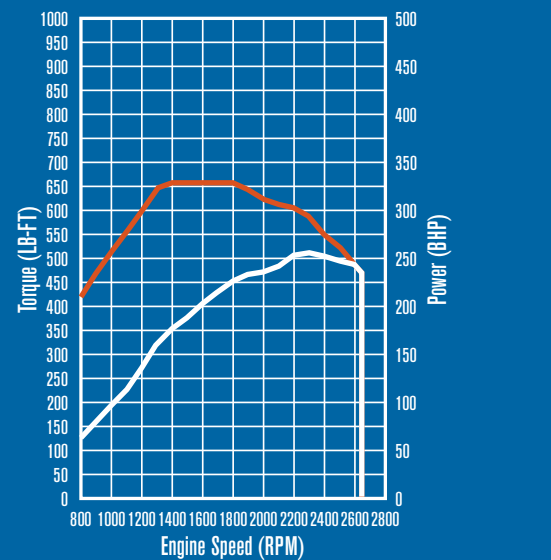
245 HP / 620 LB-FT



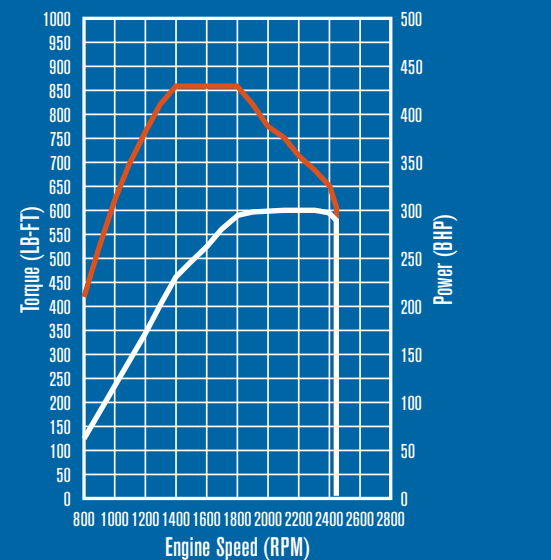
285 HP / 800 LB-FT



255 HP / 660 LB-FT



300 HP / 860 LB-FT



**MAXXFORCE**  
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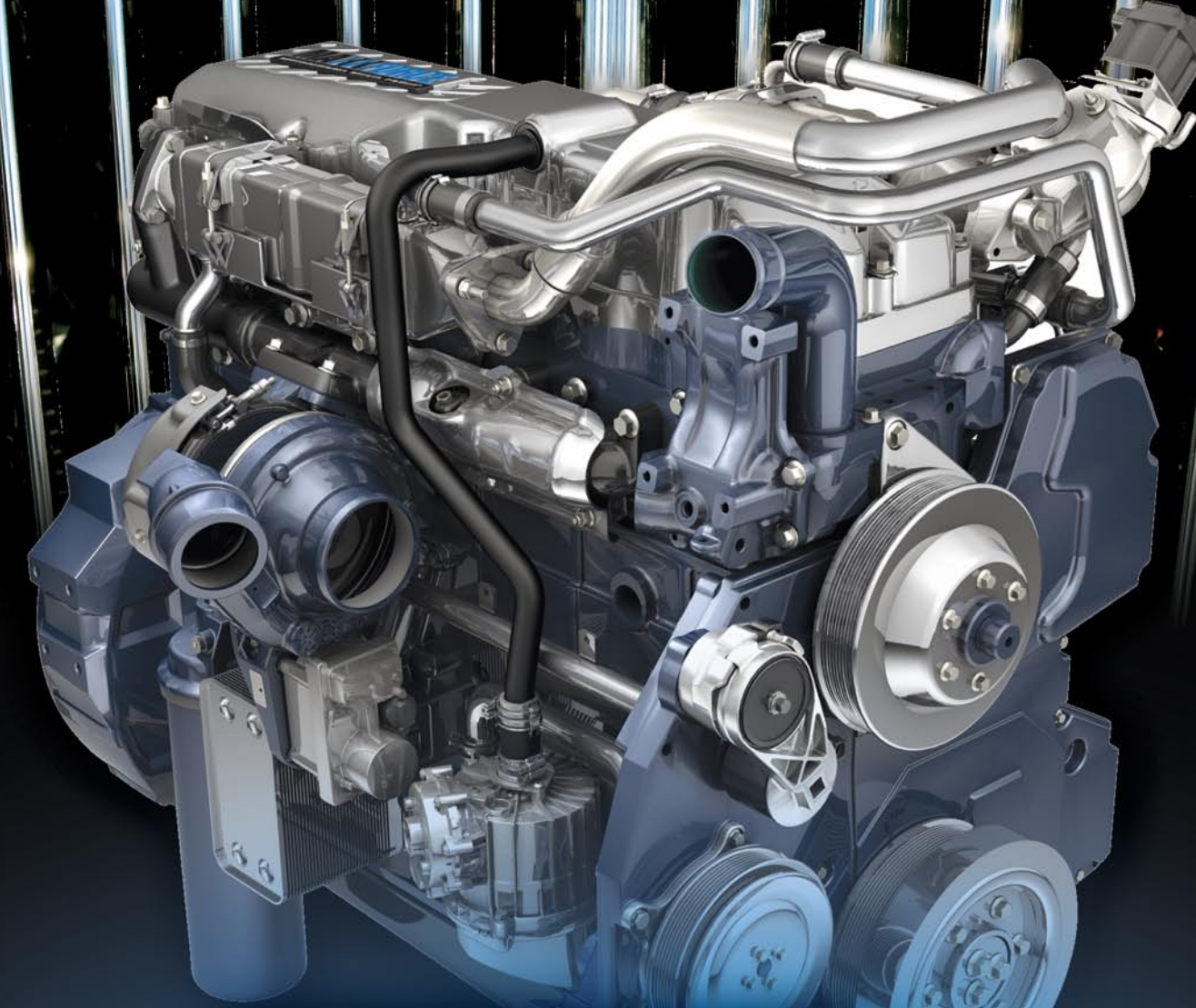
MaxxFORCE™ International Diesel Power is the signature brand for International commercial vehicle engines. MaxxFORCE engines are designed, engineered and built to deliver what you expect – power, performance, reliability and durability – for a wide array of commercial vehicle applications. They are backed by the industry's largest dealer network in North America with more than 900 International dealer locations and over 7,000 service technicians.

With International Engine Group and MaxxFORCE engines, you get products and an organization behind them that are always performing.

For more information on the MaxxFORCE DT, visit your local International dealer or www.MaxxFORCE.com.



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ALWAYS PERFORMING

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# MAXXFORCE DT

The MaxxForte™ DT, an evolution of the legendary International® DT 466, is built with one goal in mind – deliver the kind of performance and long life it takes to bring real success to your operation. With its legendary reliability and durability, wide vocational capability, serviceability and high resale value, the MaxxForte DT is the driving force in International® DuraStar™ and WorkStar™ commercial vehicles, International® bus chassis, and the International® CXT™ truck.

## RELIABILITY AND DURABILITY

- Premium plateau-honed wet-sleeve design provides heavy-duty durability characteristic of a big bore engine.
- Six bolts per cylinder for even clamping and increased head-gasket life.
- Roller-cam followers provide increased durability and longer valve and camshaft life.
- Four valves per cylinder provide better breathing, performance and lower emissions.
- Foam-molded wiring harness increases quality and durability.
- A new 32-bit ECM has fewer connection points for added reliability, and has added capability for control of aftertreatment systems.
- 10-groove belt improves belt life and allows additional accessory loads to be added.
- Optional 60-watt fuel heater for faster starts in cold weather.

## WIDE VOCATIONAL CAPABILITY

- The MaxxForte DT is purpose-built to the needs of its customers for thousands of potential truck configurations.
- Nine different horsepower and torque options offer 210-300 hp and 560-860 lb.-ft. of torque.
- Shift energy management technology allows for higher peak torque when used with select transmissions.

## PREVENTATIVE MAINTENANCE INTERVALS

Change Engine Oil, Replace Oil Filter: Up to 15,000 miles (24,140 km) / 550 hours / 2,100 gallons (7,949 L) of fuel depending on duty cycle (32 quarts [30.4 L] capacity)

Replace Fuel Filter: 30,000 miles (48,280 km) / 1,100 hours

Replace Coolant\*: 300,000 miles (482,803 km) / 5 years / 12,000 hours

\*Add extender @ 150,000 miles (241,400 km) / 2.5 years / 6,000 hours

## MAXXFORCE DT ALWAYS PERFORMING

Configuration	Inline 6-Cylinder, Wet-Sleeve
Displacement	7.6 L (466 cu. in.)
Power Output	210-300 hp (156-223 kW)
Peak Torque	560-860 lb.-ft. (705-1,116 Nm)
Aspiration	Turbocharged
Combustion System	Direct Injection
Dry Engine Weight	1,560 lbs. (708 kg)
B50 Life	450,000 miles (724,200 km)

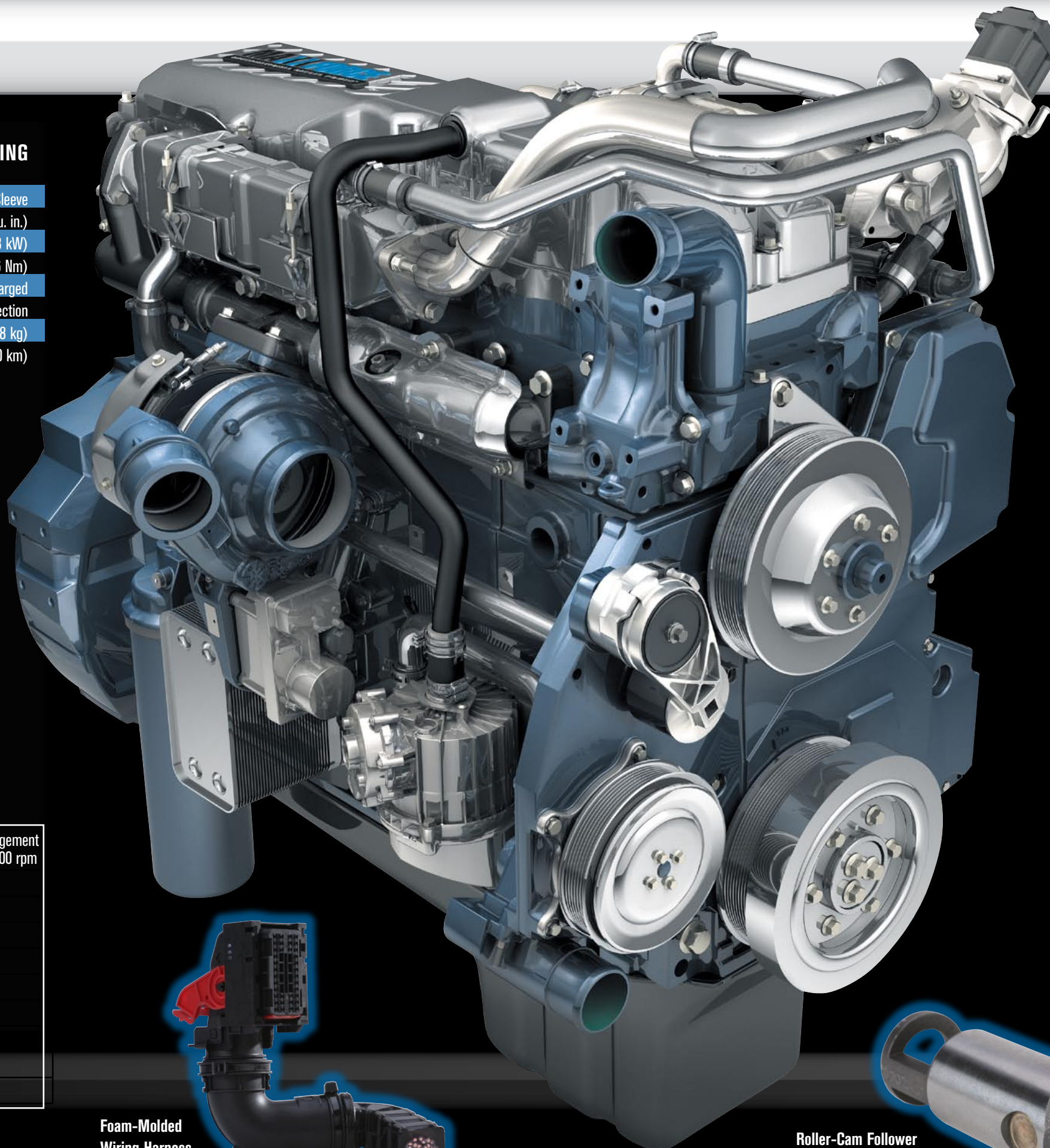
Wet Cylinder Sleeve



Aluminum Cylinder

## MAXXFORCE DT PERFORMANCE DATA

Horsepower (bhp)	Torque (lb.-ft.)	Gov. Speed (rpm)	Clutch Engagement Torque @800 rpm
210	560	2600	400
225	560	2600	400
225	620	2600	400
245	620	2600	400
255	660	2600	420
230	620	2400	420
260	800	2400	420
285	800	2400	420
300	860	2400	420



Foam-Molded Wiring Harness



Roller-Cam Follower



## SERVICEABILITY

- Low-cost in-chassis rebuild capability for long service life and strong resale value.
- Replaceable valve seats and guides allow for easy rebuild to original factory specifications.
- Top-loading fuel filter and fuel/water separator provide ease of maintenance.
- Standard integrated water-in-fuel sensor with dashboard indicator light.
- Top-loading fuel strainer.
- Standard integrated fuel filter restriction indicator.
- Maintenance-free closed crankcase ventilation system features a centrifugal oil mist separator.
- In-cylinder dosing eliminates the need for downstream fuel-injection equipment.
- Compatible with International's AWARE™ Vehicle Intelligence onboard diagnostics system.

## PROVEN INNOVATIONS

The International® Electro-Hydraulic Generation Two (G2) fuel system offers full electronic control for optimized fuel delivery, which results in fuel economy improvements of up to 5%, dependant upon application and duty cycle. The G2 fuel system enables diesel particulate filter regeneration without downstream equipment.

International® EVRT® electronically controlled turbocharger improves the engine's torque curve and response, as well as provides exhaust back-pressure to control EGR flow rate and exhaust braking.

The optional Diamond Logic® engine brake by Jacobs™ provides up to 275 bhp of quiet braking power and can extend the life of your service brakes, resulting in lower service costs.

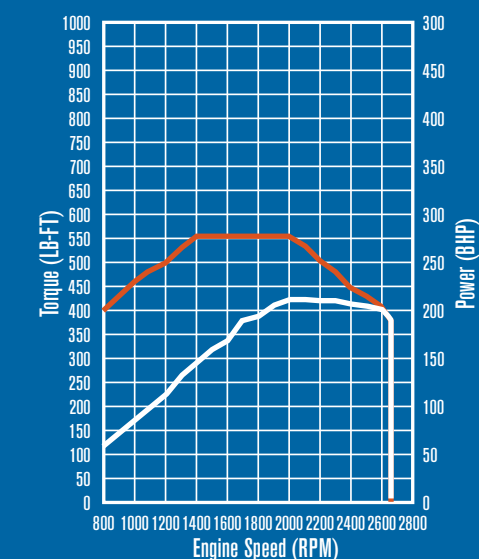
The optional Diamond Logic® exhaust brake is integrated into the EVRT turbocharger, eliminating the need for traditional exhaust-brake hardware. The exhaust brake provides up to 150 bhp on the MaxxForte DT, further extending the life of your service brakes.

\* Both brake systems integrate with cruise control to help keep the vehicle at desired speeds.

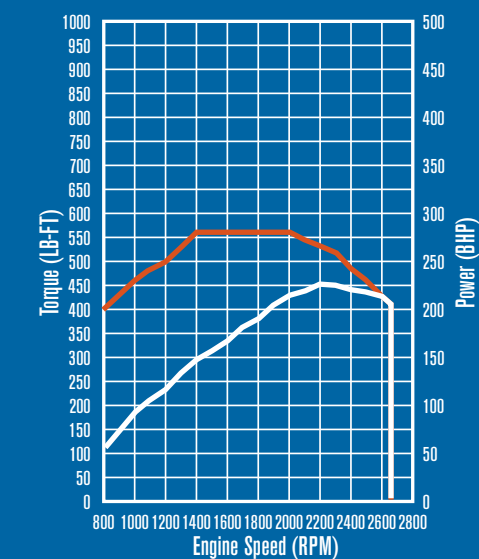
\* Jacobs is a registered trademark of Jacobs Vehicle Systems Inc.

## MAXXFORCE DT PERFORMANCE

### 210 HP / 560 LB-FT



### 225 HP / 560 LB-FT



### 225 HP / 620 LB-FT

