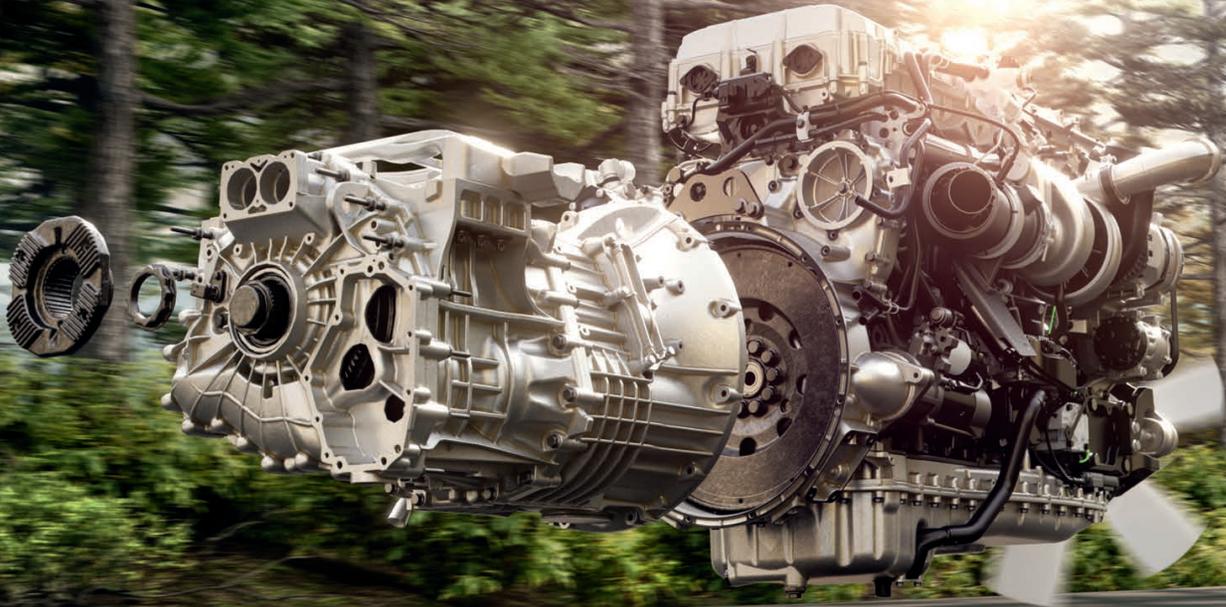


**SHIFT WHAT'S POSSIBLE**



**Meet the all-new International S13 Integrated Powertrain**

Built by the industry's top engineers, perfected for years, and tested over 4 million miles, it was designed with one goal in mind: to be the world's most revolutionary powertrain. And while it's the lightest 13L in North America, it's still loaded with performance, and engineered with more serviceability and operating economy than ever before. Experience it for yourself and you'll know—this is the powertrain that's changing it all.

Turn the page to see what happens when the right pieces come together.

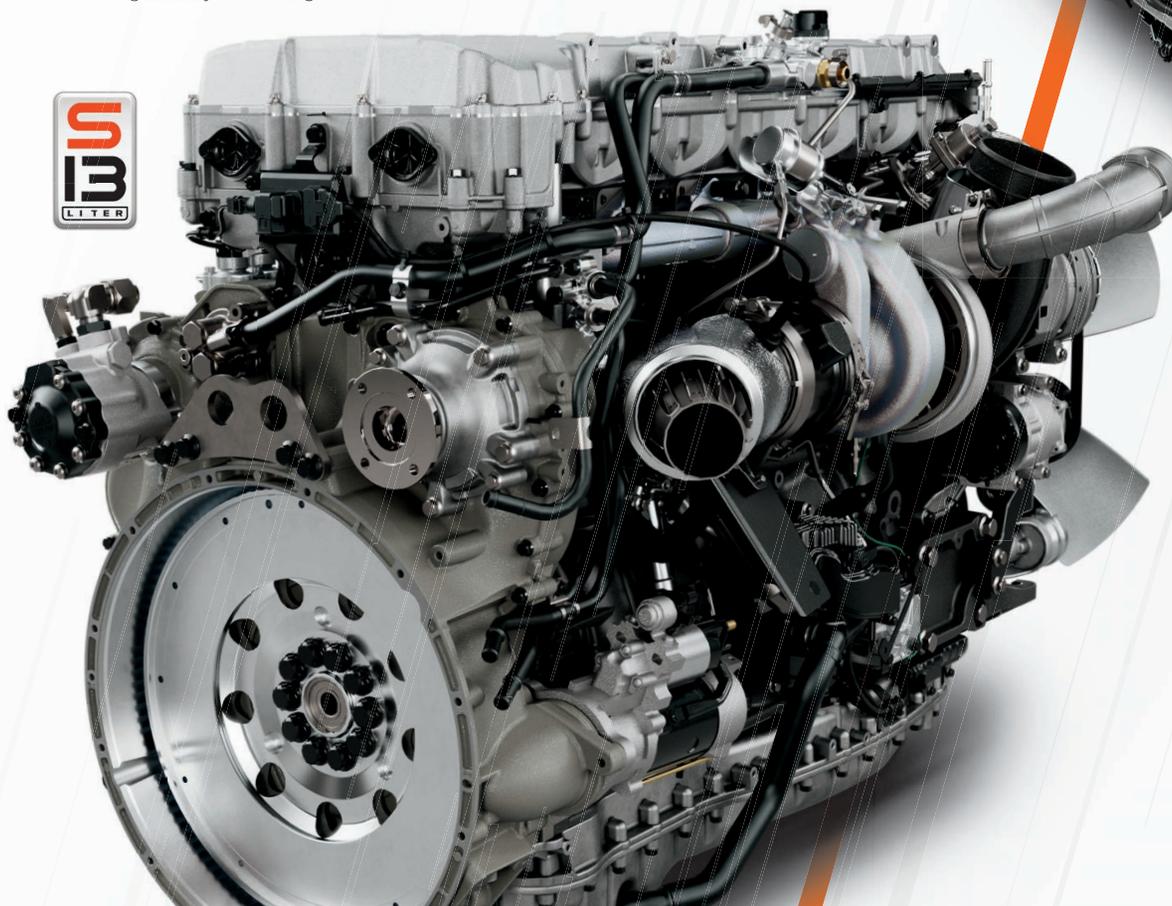


## THE ENGINE

It all started with a clean sheet design of a revolutionary 13L engine—one that takes performance and strength to the next level. By eliminating cooled exhaust gas recirculation (EGR cooler), it sends more exhaust to the turbocharger, resulting in a more complete fuel burn. This also means big power—515 horsepower and 1,850 lb-ft of torque to be exact. Now that's an engine that can get it done.

### Key Features

- ▶ Dual overhead cam
- ▶ 23:1 compression ratio
- ▶ No EGR cooler
- ▶ Fixed geometry turbocharger



## TRANSMISSION & PTO

When it came to the transmission, we didn't hold back. The T14 is a smooth 14-speed, fully-automated, manual transmission with an electric clutch actuator. It's a simpler, more compact design thanks to a planetary gear set that combines the reverse gears and low range into fewer parts. It features two crawler gears for heavy load startability and low-speed maneuvering. Moreover, with its factory-installed single or dual transmission-mounted power take-off (PTO), you'll have the added reliability and functionality you need to finish the job.

### Key Features

- ▶ 26.5 overall ratio
- ▶ Electric clutch actuator
- ▶ Multiple drive modes for any road condition
- ▶ Standard integrated heat exchanger
- ▶ Advanced oil system allows for dry sump in high range
- ▶ Factory-mounted wet-spline single or dual Power Take Off (PTO) options
- ▶ REPTO and FEPTO available

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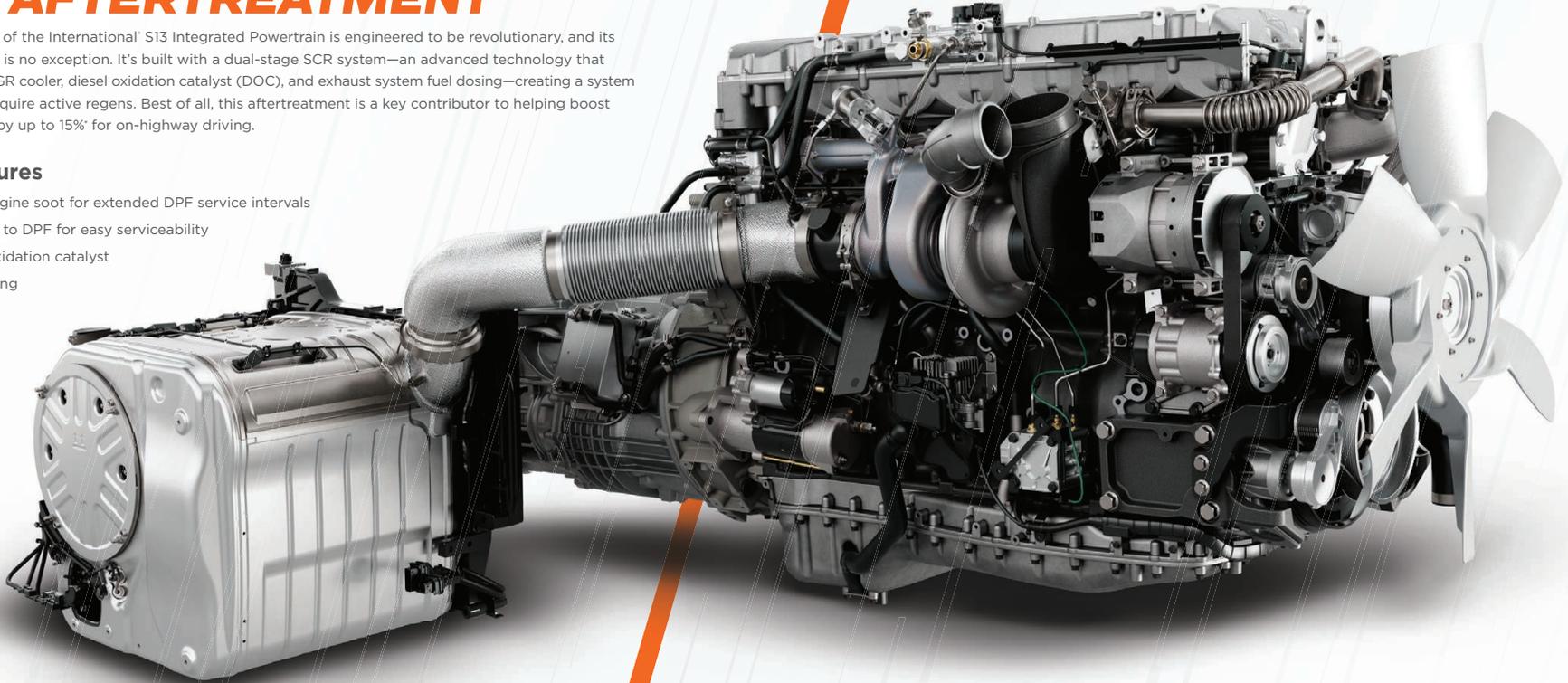
▶ TO LEARN MORE OR INQUIRE ABOUT A TRUCK, VISIT [RUSHTRUCKCENTERS.COM/S13](https://RUSHTRUCKCENTERS.COM/S13).

# THE AFTERTREATMENT

Every last part of the International® S13 Integrated Powertrain is engineered to be revolutionary, and its aftertreatment is no exception. It's built with a dual-stage SCR system—an advanced technology that removes the EGR cooler, diesel oxidation catalyst (DOC), and exhaust system fuel dosing—creating a system that doesn't require active regens. Best of all, this aftertreatment is a key contributor to helping boost fuel economy by up to 15%\* for on-highway driving.

## Key Features

- ▶ Reduced engine soot for extended DPF service intervals
- ▶ Easy access to DPF for easy serviceability
- ▶ No diesel oxidation catalyst
- ▶ No fuel dosing



## HERE'S WHAT YOU GET WHEN THE RIGHT PIECES COME TOGETHER



### STELLAR PERFORMANCE

The International® S13 Integrated Powertrain's smart, robust design turns energy into performance in a more efficient and powerful way.



### SIMPLICITY AND SERVICEABILITY

This powertrain is designed to be simple—cutting out what's not needed and upgrading what is, so you get more uptime.



### SUPERIOR OPERATING ECONOMY

It delivers up to 15% better fuel economy\* for on-highway driving, while still hauling more with better emission control and lighter weight.

\*Comparing the fuel economy of the 2017 GHG International® A26 engine in a 2017 International® LT® Series truck with aero package to the fuel economy of the new International® S13 Integrated Powertrain in a 2024 International® LT® Series truck with the LT aero package and chassis enablers. Actual customer results may vary due to various factors, including but not limited to truck specifications, weight of the vehicle, predictive features, environmental conditions, etc.  
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➤ TO LEARN MORE OR INQUIRE ABOUT A TRUCK, VISIT [RUSHTRUCKCENTERS.COM/S13](https://RUSHTRUCKCENTERS.COM/S13).



### The International® S13 Integrated Powertrain was built to get to work

Our International HX Series, LT Series, and RH Series trucks are built to get the job done, no matter what they're hauling or how far. And we're taking things up a level with the S13 Integrated. From increased uptime to enhanced performance and unprecedented operating economy, it's engineered so that each component can do what it does best, all the while working together to deliver the industry's most revolutionary powertrain.

**SHIFT WHAT'S POSSIBLE**  
Upgrade your fleet at [internationaltrucks.com/S13](https://internationaltrucks.com/S13)

