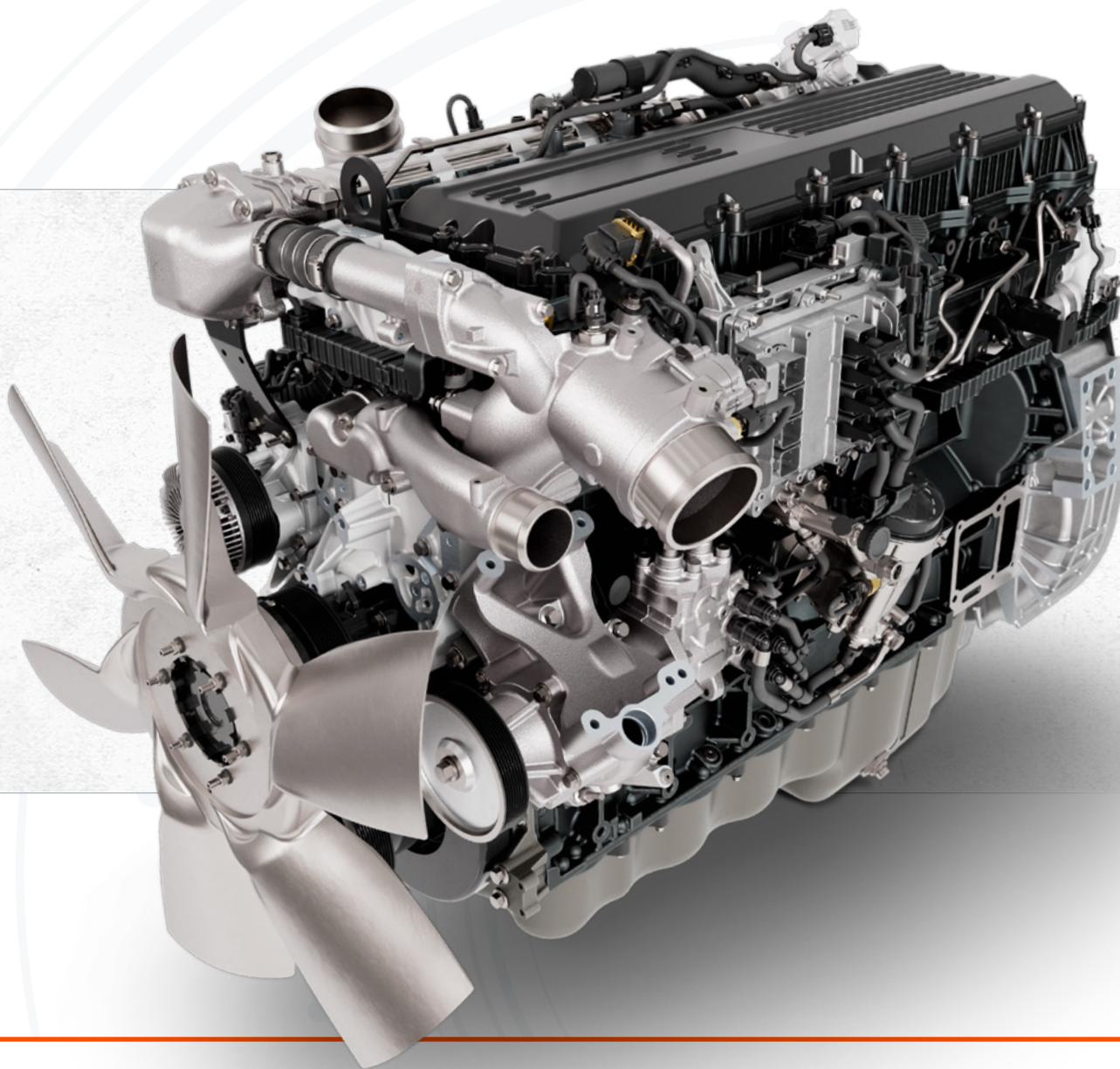


INTERNATIONAL® A26



DISPLACEMENT

12.4L

HORSEPOWER

365-515

TORQUE LB-FT.

1250 - 1850

A26

INTERNATIONAL® A26 ENGINE





LIGHTWEIGHT **KNOCKOUT.**

THE A26 IS PACKED WITH
EFFICIENT MUSCLE.

The A26 produces up to 515 HP and 1850 lb.-ft. of torque, but its big-bore performance only begins to tell the full story of this engine. The modern simplicity of the A26 design does more than shed weight — every component has been carefully engineered to deliver uncompromising uptime and fuel efficiency, reduced weight and quieter operation.



Engine braking power is increased by up to 67% for confident braking performance, particularly at low- to mid-RPMs and at higher elevation



Start confidently down to -40°F with available oil heater, coolant heater and cold start system



Advanced new engine control software developed for the single engine control module allows calibration enhancements to reach customers in days instead of months

UPTIME

EVERY COMPONENT IS ENGINEERED TO MAXIMIZE UPTIME:

Strong piston pins, connecting rods and bushings optimize load distribution for enhanced durability.

The Variable Geometry Turbocharger (VGT) features a titanium compressor wheel that delivers superior fatigue life over aluminum designs, with a simplified single stage design to reduce complexity and enhance reliability.

The piston cooling jets increase oil pressure to improve lubrication and engine durability. Exposing less oil to hot pistons also reduces oil oxidation to improve oil drain intervals.

Oil change service interval has been increased to 70,000 miles*.

Aluminum castings, stainless steel tubes, composite valve covers, and optional stainless steel oil pans provide long lasting corrosion protection.

All high temperature fasteners include a permanent coating to prevent seizing, including fasteners for the exhaust manifolds, heat shields, and turbocharger.

WEIGHT SAVINGS

AT 2,314 LBS., THE A26 IS THE LIGHTEST ENGINE IN ITS CLASS:

The A26 weighs 600-700 lbs. less than 15L big-bore engines.

The Compacted Graphite Iron (CGI) crankcase has greater strength and fatigue resistance than traditional gray iron for thinner walls, reduced weight and maximized payload.

Valve covers are built of a durable, lightweight composite instead of aluminum.

The shot peened aluminum flywheel housing delivers high strength with impressive weight savings over traditional iron flywheel housings.

The simple, single stage design of the turbocharger eliminates several major components, reducing weight and complexity.

NOISE REDUCTION

THE A26 IS PACKED WITH NOISE-REDUCING FEATURES:

The uniquely sculpted crankcase significantly dampens vibration.

The High Pressure Common Rail fuel system delivers multiple injection events for smooth, quiet operation.

The oil pan and crankcase are isolated through a specially designed rubber gasket that absorbs vibration before it can get amplified through the oil pan.

Sophisticated calibration and programming are specifically designed to reduce engine noise.

The 6-blade fan features fewer blades for quieter operation.**

FUEL EFFICIENCY

ENGINEERED TO DELIVER UP TO 4% GREATER FUEL ECONOMY***:

Maximized fuel injection pressure from the 2500 bar (36,300 psi) High Pressure Common Rail (HPCR) fuel system reduces both fuel consumption and emissions.

The efficient design of the cylinder head coolant passages help reduce parasitic loss to the water pump.

A simplified air management system combined with the Variable Geometry Turbocharger delivers optimal fuel economy and performance.

An oil cooler thermostat bypass allows oil to bypass the oil cooler in colder weather to improve fuel economy.

* with oil sampling and International approval
** 6 blade fan is for LT and RH Series applications only
*** Over previous A26 Engine



THE ONLY OPINION THAT MATTERS: **YOURS.**

“

”



**“WE’VE HAD ZERO DOWNTIME
WITH THESE TRUCKS.”**

STEVE SPERBECK,
GENERAL MANAGER, ERL INTERMODAL



The International® A26 has shown it's more than up to the task since its introduction in 2016. At 2,314 lbs., it's the lightest engine you can get over 12-liters which allows for an increased payload capacity and better fuel economy. It's also the quietest engine in its class resulting in higher driver satisfaction and driver retention.

“THE A26 HAS PLENTY OF POWER TO PULL A BULK TRAILER OF CEMENT POWDER 650 MILES EVERY DAY, FIVE DAYS A WEEK. EVERYWHERE WE GO, WE RUN 80,000 POUNDS. THERE’S A LOT OF HILLS AND STOP-AND-START DRIVING, AND IT PULLS GREAT EVEN WHEN I’M FULLY LOADED.”

DAVID “FUZZY” STAFFORD

EASE OF SERVICE LEADS TO UPTIME

OVER THE AIR (OTA) PROGRAMMING

Remote updates and parameter settings without bringing a truck in for service

UPPER VALVE COVER

Only the upper valve cover is removed to adjust valve lash

WIRE HARNESES

Foam encapsulated for abrasion resistance
Molded in brackets are mounted with bolts for consistent installation

CARTRIDGE STYLE FUEL AND OIL FILTERS

Ease of service

HAND PRIMER FUEL PUMP

Easy access

2.5 times larger for easy use

MASS AIR FLOW (MAF) SENSOR

Located in the fresh air inlet, it does not require cleaning

HIGH TEMPERATURE FASTENERS

A permanent coating on fasteners for the exhaust manifolds, turbocharger, and heat shields to prevent seizing

A26 SPECIFICATIONS.

Technical Specifications

Engine Type	Diesel, 4-Cycle
Configuration	Inline 6-Cylinder
Displacement	12.4 L (758 cu. in.)
Bore & Stroke	4.96 in. & 6.54 in. (126 mm & 166 mm)
Compression Ratio	20.5:1
Aspiration	Variable Geometry Turbocharger with Charge Air Cooler
Combustion System	2500 bar High Pressure Common Rail
Engine Lubrication	42 Quarts (40 L)
Total Engine Weight (Dry)	2,314 lbs. (1043 kg)
Valves	4 Valves Per Cylinder, Single Overhead Camshaft
B10 Design Life	1,200,000 mi (1,931,000 km)

Maintenance Intervals

Replace Engine Oil and Oil Filter	Up to 70,000 miles with oil sampling and International Truck approval Greater than 6.5 mpg: 50,000 miles (80,000 km) 5.5 to 6.5 mpg: 35,000 miles (56,000 km) Less than 5.5 mpg: 20,000 miles (32,000 km) / 6 months / 500 hours
Replace Fuel Filter	At every oil change or 1,300 hours
Diesel Particulate Filter Cleaning	Greater than 6.5 mpg: 600,000 miles / 11,000 hours 5.5 to 6.5 mpg: 500,000 miles / 9,000 hours Less than 5.5 mpg: 350,000 miles / 9,000 hours
Replace DEF Filter	300,000 miles (483,000 km)
Add Extended Life Coolant Extender	600,000 miles (966,000 km)
Replace Coolant	1,200,000 miles (1,931,000 km) / 8 years / 15,000 hours
Adjust Valve Lash	At 120,000 miles (193,000 km) / 1,000 hours, then every 400,000 miles (643,738 km) / 3,000 hours

Best-In-Class Engine Warranty

Standard Engine Warranty	2 years, unlimited miles, unlimited hours
Optional Engine Warranties	Up to 6 years, 600,000 miles
Optional Major Component Coverage	Up to 7 years, 700,000 miles

LT™ Series and RH™ Series

HP @ 1700 RPM	Torque [lb-ft] @ 900 RPM	Governed speed [RPM]	High idle speed [RPM]
515	1850	2100	2200
475	1700	1800	2000
450	1700	1800	2000
450	1850	1800	2000
430	1550	1800	2000
410	1450	1800	2000
410	1450	2100	2200
400	1750	1800	2000
400	1850	1800	2000

HX™ Series and HV™ Series

HP @ 1700 RPM	Torque [lb-ft] @ 900 RPM	Governed speed [RPM]	High idle speed [RPM]
515	1850	2100	2200
475	1700	2100	2200
450	1700	2100	2200
430	1550	2100	2200
410	1450	2100	2200
390	1450	2100	2200
370	1350	2100	2200
365**	1250	2100	2200

**Not available in HX Series

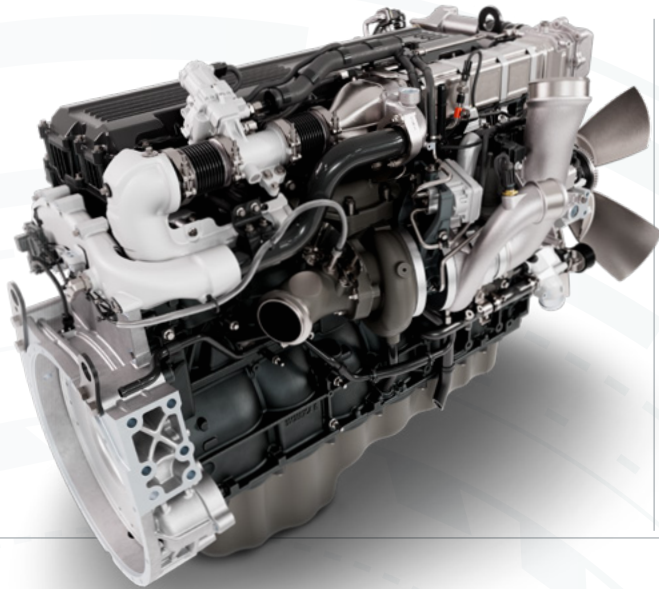
A26 COMMAND CENTER

- This cross-functional team of uptime specialists and key suppliers makes sure every A26 engine is running at 100%.
- The 24/7 on-road support helps ensure vehicles are back on the road as quickly as possible – usually within 48 hours of diagnosis.

A WARRANTY AS STRONG AS THE ENGINE IT COVERS

The A26 is backed by an industry-leading two-year unlimited miles, unlimited hours warranty. Or choose additional assurance with available engine warranties that cover up to 7 years, 700,000 miles, and unlimited hours.





OWNERSHIP SUPPORT

**OVER
700**
INTERNATIONAL®
DEALER LOCATIONS

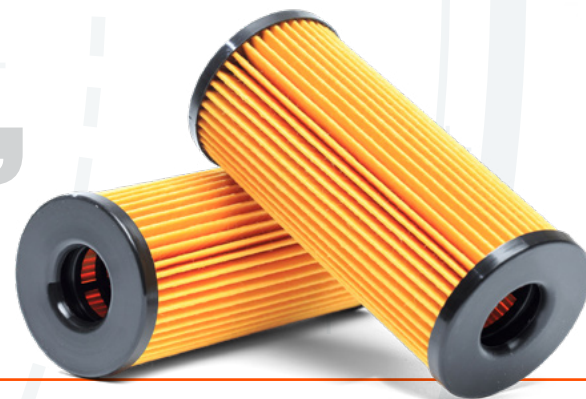
**OVER
350**
LOVE'S
LOCATIONS

+ **=**

**OVER
1,050**
TOTAL SERVICE
LOCATIONS

Our partnership with Love's and Speedco adds 350+ additional locations for quick, conveniently-located access to light mechanical and select warranty work.

PARTS YOU NEED, WHERE AND WHEN YOU NEED THEM





THE INTERNATIONAL A26. BUILT WITH UPTIME IN ITS DNA.

www.InternationalTrucks.com/A26

Note: Engine specifications are subject to change without notice.

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