INTERNATIONAL

HEAD TO HEAD

LT® SERIES WITH THE S13® INTEGRATED POWERTRAIN VS. FREIGHTLINER CASCADIA (GEN4) DD13

Why International® LT® Series Wins:

- A larger, quieter, cab with more leg room
- S13® Integrated Powertrain is lighter and more efficient, with longer service intervals with a broader service support, and lower operating costs

CAB ARCHITECTURE AND CONSTRUCTION

LT SERIES	CASCADIA
125” BBC	126” or 116” BBC
Day Cab	Day Cab
56” Low Roof	48” XT
56” and 73” Hi-Rise	60” XT and 60” Raised Roof
73” Sky-Rise	72” XT and 72” Raised Roof

The International® RH™ Series model has a 113” BBC, which competes with other competitors split BBC models.

LT Series heavy duty steel cab vs Cascadia’s aluminum cab

- High strength, lightweight steel design provides provides durability and ease of repair for body panels
- InterCoat® ChemGuard Coating and E-Coat over galvanized provides robust corrosion resistance

POWERTRAIN OPTIONS

The International S13 and Detroit DD13 are both 13-liter engines, but the S13, part of an integrated powertrain with the T14® transmission, focuses heavily on fuel efficiency via a DOHC design, higher compression (no EGR cooler), and fixed geometry turbo, aiming for superior fuel efficiency over competitors like the DD13.

Engine advantages

- The International S13 engine requires no cooled EGR system like the DD13
- The International S13 is 203 lbs. lighter than the DD13
- Convenience of the largest service network in the industry with over 1000 locations

INTERVALS	LT SERIES S13/T14	CASCADIA DD13/ DT12-OH
Oil and Fuel Filters	40,000 - 75,000 miles	30,000 - 75,000 miles
DPF Filter	450,000 - 650,000 miles	Dashboard Light will Illuminate
Coolant Filter	N/A	NA
Transmission Fluid	160,000 - 600,000 miles	180,000 - 600,000 miles

WARRANTY	LT SERIES S13/T14	CASCADIA DD13/ DT12-OH
Engine	24 months Unlimited miles	24 months Unlimited miles
Aftertreatment	24 months Unlimited miles	60 months 350,000 miles
Transmission	60 months 750,000 miles	60 months 750,000 miles
Clutch	36 months 750,000 miles	36 months 750,000 miles

TRANSMISSION GEARING

LT SERIES S13/T14

Gear	Ratio	Step
1	20.81	29%
2	16.16	29%
3	12.57	29%
4	9.76	29%
5	7.56	29%
6	5.87	29%
7	4.55	29%
8	3.53	29%
9	2.77	29%
10	2.15	29%
11	1.66	29%
12	1.29	29%
13	1.00	29%
14	0.78	-
R2	12.60	-
R1	16.23	-

CASCADIA DD13/DT12-OH

Gear	Ratio	Step
1	11.67	28%
2	9.10	29%
3	7.05	28%
4	5.50	25%
5	4.40	28%
6	3.43	29%
7	2.65	28%
8	2.07	29%
9	1.60	28%
10	1.25	25%
11	1.00	28%
12	0.78	-
R4	2.06	-
R3	2.65	-
R2	9.10	-
R1	11.67	-

DRIVER COMFORT & ERGONOMICS

LT Series advantages vs Cascadia

- 2” more leg room
- Larger door opening height, width
- 37 degree telescoping steering wheel vs 23 degrees
- Lower interior and exterior sound levels

SOUND LEVELS (dB, idle)	LT SERIES	CASCADIA
Interior	54.8	61.2
Exterior	78.1	80.1

VISIBILITY

Visibility is crucial to help ensure each trip is completed safely. The LT Series wraparound windshield and aerodynamic hood provide superior visibility at every angle compared to the DD13.

VISIBILITY ADVANTAGE	LT SERIES
Windshield straight ahead	Better by over 1 ft.
Over front of hood	Better by over 1 ft.
Driver’s side glass	Better by over 3 ft.

DIAMOND LOGIC® BUILDER

Diamond Logic® Builder software is a powerful tool for integrating body controls, diagnostics, and safety interlocks and best of all, it can be customized for your specific needs.

SERVICE LOCATIONS

INTERNATIONAL®	FREIGHTLINER
700+ dealer locations (and 400+ additional service locations)	500+ dealer locations (and many additional service locations)

SUPPORT

My International advanced remote diagnostics is compatible with all OEM’s which makes it easy to cover your entire fleet.

Scan to learn more

INTERNATIONAL

INTERNATIONAL® FINANCIAL

At International® Financial, we focus on developing a deep understanding of customer needs and requirements so that we can provide industry-leading, customer-focused solutions. International Financial provides premier service and support.

- A captive financing partner dedicated to the transportation industry
- Ease of doing business
- Industry-leading customer service
- Preserve traditional sources of liquidity
- Online account management

This document is intended for exclusive use of International and its dealers. The information and conclusions contained are believed to be correct at time of publication, but do not necessarily apply to similar vehicles with different specifications or with production dates after this analysis was conducted. Vehicles with different specifications or later dates of production may yield different results. Vehicle specifications are subject to change without notice. TAD26005 3/2026
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