

# HEAD TO HEAD

LT<sup>®</sup> SERIES WITH THE S13<sup>®</sup> INTEGRATED POWERTRAIN VS. PETERBILT 579 MX-13



## Why International<sup>®</sup> LT<sup>®</sup> Series Wins:

- A wider, quieter, steel cab with more hip and belly room
- The S13<sup>®</sup> 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	579
125" BBC	124" or 118" BBC
Day Cab	Day Cab
56" Low Roof	44" and 58" Low Roof
56" and 73" Hi-Rise	58" , 72" and 80" High Roof
73" Sky-Rise	80" UltraLoft

## LT Series heavy duty steel cab vs 579's aluminum cab

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

## POWERTRAIN OPTIONS

The International S13 and PACCAR MX-13 are both 13-liter engines, but the S13, part of an integrated powertrain with the T14<sup>®</sup> 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 MX-13.

### Engine advantages

- The International S13 engine requires no cooled EGR system like the MX-13
- International S13 is 216 lbs. lighter than the MX-13
- Convenience of the largest service network in the industry with over 1000 locations

INTERVALS	LT SERIES S13/T14	579 MX-13/TX-12
Oil and Fuel Filters	40,000 - 75,000 miles	30,000 - 75,000 miles
DPF Filter	450,000 - 650,000 miles	150,000 - 300,000 miles
Coolant Filter	N/A	300,000 miles
Transmission Fluid	160,000 - 600,000 miles	250,000 - 750,000 miles

WARRANTY	LT SERIES S13/T14	579 MX-13/TX-12
Engine	24 months Unlimited miles	24 months 250,000 miles
Aftertreatment	24 months Unlimited miles	Up to 60 months 500,000 miles
Transmission	60 months 750,000 miles	60 months 750,000 miles
Clutch	36 months 350,000 miles	36 months 350,000 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	-

### 579 MX-13/TX-12

Gear	Ratio	Step
1	14.43	31%
2	11.05	31%
3	8.44	31%
4	6.46	31%
5	4.95	31%
6	3.79	30%
7	2.91	30%
8	2.23	31%
9	1.70	31%
10	1.30	30%
11	1.00	30%
12	0.77	-
R2	12.95	-
R1	16.92	-

## 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.



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## DRIVER COMFORT & ERGONOMICS

### LT Series advantages vs 579

- 3" wider at hip level
- 4" more belly room
- Standard air ride cab suspension vs optional in the 579 day cab
- Larger door opening height, width
- The telescoping steering wheel of the LT has a total range of over 37 degrees as compared to the 579's 18 degrees
- Lower interior and exterior sound levels

### SOUND LEVELS (dB, idle)

	LT SERIES	579
Interior	54.8	60.9
Exterior	78.1	81.7

## VISIBILITY

Visibility is crucial to help ensure each trip is completed safely. The LT Series wraparound windshield and aerodynamic hood provide superior visibility compared to the 579.

### VISIBILITY ADVANTAGE

VISIBILITY ADVANTAGE	LT SERIES
Windshield straight ahead	Better by over 3 ft.
Over front of hood	Better by over 3 ft.
Driver's side glass	Better by nearly 2 ft.

## SERVICE LOCATIONS

### INTERNATIONAL®

700+ dealer locations (and 400+ additional service locations)

### PETERBILT

400+ 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. The 579 includes a proprietary system that is not compatible with non-PACCAR trucks.



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