

HEAD TO HEAD

**HX® SERIES WITH THE
S13® INTEGRATED POWERTRAIN
VS. WESTERN STAR 49X DD13**



Why International® HX® Series Wins:

- S13® Integrated Powertrain is lighter and more efficient, with longer service intervals with a broader service support, and lower operating costs
- HX has a 3-piece hood makes repairs more cost effective, compared to the 1-Piece hood on the 49X

CAB ARCHITECTURE AND CONSTRUCTION

HX SERIES	49X
119" or 120" BBC	121.5" BBC
Day Cab	Day Cab
56" Low Roof	36" Low Roof
56" and 73" Hi-Rise	36", 48", 60", 72" Mid Roof
	72" High Roof

HX Series heavy duty steel cab vs 49X's steel reinforced aluminum cab

- Steel construction provides durability and ease of repair for body panels
- InterCoat® ChemGuard Coating and E-Coat over galvanized steel allows nearly same corrosion resistance as aluminum

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	HX SERIES S13/T14	49X DD13/DT12-OV
Oil and Fuel Filters	40,000 - 75,000 miles	35,000 - 65,000 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	HX SERIES S13/T14	49X DD13/DT12-OV
Engine	24 months Unlimited miles	24 months Unlimited miles
Aftertreatment	24 months Unlimited miles	Up to 60 months 350,000 miles
Transmission	36 ¹ months Unlimited miles	60 months 750,000 miles
Clutch	36 ¹ months Unlimited miles	36 months 300,000 miles

¹ Depends on axle: < 52K = 36 months
> 52K = 24 months

DRIVER COMFORT & ERGONOMICS

HX Series advantages vs 49X

- Larger door opening width
- 37 degree telescoping steering wheel vs 23 degrees
- Pedal spacing is greater on the HX to accommodate bulky work boots
- HX with the S13 has one of the quietest sound levels at idle

SOUND LEVELS (dB, idle) HX SERIES 49X

Interior	57.4	58.1
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TRANSMISSION GEARING

HX 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	-
R6*	4.59	-
R5*	5.91	-
R4*	7.61	-
R3*	9.81	-
R2	12.6	-
R1	16.23	-

47X DD13/DT12-OV

Gear	Ratio	Step
1	14.56	29%
2	11.30	31%
3	8.61	29%
4	6.68	31%
5	5.09	29%
6	3.95	38%
7	2.86	29%
8	2.22	31%
9	1.69	29%
10	1.31	31%
11	1.00	28%
12	0.78	-
R4	2.46	-
R3	3.17	-
R2	12.53	-
R1	16.15	-

*Optional

VISIBILITY

Visibility is crucial to help ensure each trip is completed safely. The HX wraparound windshield and severe duty hood provide superior driver visibility compared to the 49X.

VISIBILITY ADVANTAGE

HX SERIES

Driver's side window forward	Better by over 2 ft.
Windshield straight ahead	Better by 1.5 ft.
Over right side of hood	Better by over 4 ft.
Over left side of hood	Better by over 3 ft.
Passenger's side glass	Better by over 2 ft.

SERVICE LOCATIONS

INTERNATIONAL®

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

WESTERN STAR

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

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.



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



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