Why International® HV® 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
- HV has a 5-piece hood makes repairs more cost effective, compared to the 3-Piece hood on the 47X

CAB ARCHITECTURE AND CONSTRUCTION

HV515 SERIES	47X
115” BBC	111” BBC
Day Cab	Day Cab
26” Extended Cab	36” Low Roof
44” Crew Cab	36”, 48” Mid Roof

HV Series heavy duty steel cab vs 47X’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

Engine Accessibility

Pre-trip inspections help ensure optimal safety and reliability. That’s why the HV Series includes a hood with a tilt range opening over 70 degrees, greater than the 47X allowing for easier access to maintenance items.

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	HV SERIES S13/T14	47X DD13/DT12-OV
Oil and Fuel Filters	40,000 - 75,000 miles	35,000 - 65,000 miles
DPF Filter	450,000 - 650,000 miles	250,000 - 400,000 miles
Coolant Filter	N/A	NA
Transmission Fluid	160,000 - 600,000 miles	180,000 - 600,000 miles

WARRANTY	HV SERIES S13/T14	47X 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

HV515 Series advantages vs 47X

- Larger door opening width
- 2” more leg room
- 39 degree telescoping steering wheel vs 23 degrees
- Pedal spacing is greater on the HV to accommodate bulky work boots
- HV with the S13 has one of the quietest sound levels at idle

SOUND LEVELS (dB, idle)	HV SERIES	47X
Exterior	81.8	82.6

VISIBILITY

Visibility is crucial to help ensure each trip is completed safely. The HV515 wraparound windshield and severe duty hood provide superior driver visibility compared to the 47X.

VISIBILITY ADVANTAGE	HV SERIES
Driver’s side window forward	Better by over 1 ft.
Over left side of hood	Better by over 2 ft.
Over windshield wiper	Better by over 2.5 ft.
Over right side of hood	Better by over 3 ft.

TRANSMISSION GEARING

HV 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	-

*Optional

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	-

SERVICE LOCATIONS

INTERNATIONAL®	WESTERN STAR
700+ dealer locations (and 400+ additional service locations)	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.

Scan to learn more

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

INTERNATIONAL

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