INTERNATIONAL

HEAD TO HEAD

HV® SERIES WITH THE S13® INTEGRATED POWERTRAIN VS. FREIGHTLINER 114SD DD13

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 1-Piece hood on the 114SD Plus
- HV Series can be equipped with LED headlights with available heating elements for inclement weather not available on the 114SD Plus
- The viewable windshield area on the HV is greater than the 114SD Plus

CAB ARCHITECTURE AND CONSTRUCTION

HV615 SERIES	114SD PLUS
115” BBC	114” BBC
Day Cab	Day Cab
26” Extended Cab	26” Extended Cab
44” Crew Cab	48” Crew Cab

HV Series heavy duty steel cab vs 114SD’s 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	HV SERIES S13/T14	114SD PLUS 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	HV SERIES S13/T14	114SD PLUS 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

HV615 Series advantages vs 114SD Plus

- 2” larger door opening width
- 2” more leg room
- 39 degree telescoping steering wheel vs 22 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	114SD PLUS
Exterior	81.8	85.5

TRANSMISSION GEARING

HV SERIES S13/T14			114SD PLUS DD13/DT12-OV		
Gear	**Ratio**	**Step**	**Gear**	**Ratio**	**Step**
1	20.81	29%	1	14.56	29%
2	16.16	29%	2	11.30	31%
3	12.57	29%	3	8.61	29%
4	9.76	29%	4	6.68	31%
5	7.56	29%	5	5.09	29%
6	5.87	29%	6	3.95	38%
7	4.55	29%	7	2.86	29%
8	3.53	29%	8	2.22	31%
9	2.77	29%	9	1.69	29%
10	2.15	29%	10	1.31	31%
11	1.66	29%	11	1.00	28%
12	1.29	29%	12	0.78	-
13	1.00	29%	R4	2.46	-
14	0.78	-	R3	3.17	-
R6*	4.59	-	R2	12.53	-
R5*	5.91	-	R1	16.15	-
R4*	7.61	-			
R3*	9.81	-			
R2	12.6	-			
R1	16.23	-			

*Optional

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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)

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

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