

Inspection Report (On-Highway Truck Cab + Chassis)

General Info

B&B Stock Number	A1961941
Year	2020
Make	Volvo
Model	VNM64T
Serial Number	4V5NC9UG4LN235100
Odometer Reading	307,283
Current Inspection / State Cert / DOT	N/A
Previous Application (e.g., earth moving, mining, demolition, etc)	Fuel Transport

Dimensions

Length (ft and inches)	N/A
Width (ft and inches)	N/A
Height (ft and inches)	N/A
Wheelbase (ft and inches)	N/A
GVWR (lbs)	81,000 Lbs.




Features and Configuration

Drive Type	6X4
Overdrive	No
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	No
Cruise Control	No
PTO	No
Engine Brake	2 Position
Differential Lock	Yes
Auxiliary Engine	No
Liftgate	No
Telematics	No
Other Configuration Details / Features / Notes	Truck is CNG (Compressed Natural Gas) equipped with an Eaton 10 Speed Auto.Transmission.
OMM (Operator & Maintenance Manual)	Yes

OMM Specifications

Inspection Report (On-Highway Truck Cab + Chassis)









OMM Specifications

Detail Specifications	Take photos of the detailed spec pages included in the operator's manual		
OMM Spec Photos			

Exterior 360 Walkaround

360 Walkaround & Operating Video

















Walkaround Photos & Operating Video

Exterior Walkaround Photos					
					
Operating Video	Click to Download				
Additional Video	Click to Download				

General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos					
			Tape added around r/s mirror fixture		
					
					
					

General Appearance Inspection Points











Inspection Report (On-Highway Truck Cab + Chassis)

Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.
	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Body Panels	3 - Normal Wear & Tear	
Body Panel Condition	No visible damage, good paint condition and panel fitment, Other (see comments)	
Comments	Minor scuff marks seen throughout exterior but overall in good shape.	
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
Steps / Ladders	3 - Normal Wear & Tear	
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound	
Handrails	0	
Glass	3 - Normal Wear & Tear	
Glass Condition	Glass intact, no visible damage	
Mirrors	3 - Normal Wear & Tear	
Mirror Condition	Other (see comments)	
Comments	Tape added to R/S Mirror assembly	
Exterior Lights	3 - Normal Wear & Tear	
Exterior Lights Condition	No visible damage, lighting system is operational	
Overall Exterior	3 - Normal Wear & Tear	
Comments	Exterior has been wrapped.	















Cab Inspection Points

On Highway - Cab

Cab Interior Photos

Cab Interior Photos					
					

Inspection Report (On-Highway Truck Cab + Chassis)

	    
	    
	 
VIN/Serial Number Plate Photo	
Odometer Photo	

Inspection Report (On-Highway Truck Cab + Chassis)

Odometer Activity	3 - Normal Wear & Tear
Odometer	Odometer is working and in good condition
Controls/Switches/Gauges	3 - Normal Wear & Tear
Controls/Switches/Gauges	All switches/gauges are in good condition and functioning
Brake System Type	Other (Please Specify)
Brake System Other	Air Brake Chamber to Brake Caliper (No Drum Brakes)
Clutch	0
Horn	3 - Normal Wear & Tear
Horn Function	Horn is functioning as expected
Reverse Alarm / Backup Camera	0
Heater & A/C	3 - Normal Wear & Tear
Heat & A/C	Heater and A/C work as expected, A/C blows cold - significantly colder than air temp
Interior Lights	3 - Normal Wear & Tear
Interior Lights	All interior lights are installed and functioning
Seats/Seat Belts	3 - Normal Wear & Tear
Seats/Seat Belt	Seat(s) in good condition, no stains or tears in upholstery
Cab Interior Overall	3 - Normal Wear & Tear
Comments	Interior has a good appearance with only minor stains.


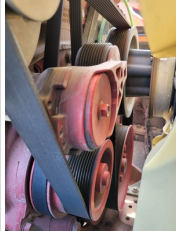


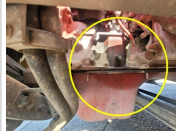















Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					

Inspection Report (On-Highway Truck Cab + Chassis)

					
	both serpentine belts have minor wear and cracks			Power Steering hose has surface cracks	Minor fluid seepage buildup seen at L/S of engine around power steering pump and on engine block area
					
					
				Minor signs of residual oil seen at oil pan & starter to engine area. No active leaks seen.	
					
Engine Type (Make, Model, Cylinders, Hp)	Cummins - ISX12N - 12L - (C.N.G.) 6Cyl. - 400HP				
Emissions Tier	Other (see comments)				
Comments	Emissions comply with the year 2020, for California & US E.P.A. Regulations				
Engine Serial Number	75081764				
Engine Fuel Type	CNG				
Blow-by (Visual Observation Check)	No				
Unusual Noises (Upon Start-up, Idle, Shutdown)	No				
Engine Smoke (Upon Start-up, Idle, Shutdown)	No				
Engine Exhaust Color	Clear				
Battery	2 - Above Average Wear & Tear				

Inspection Report (On-Highway Truck Cab + Chassis)













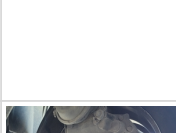
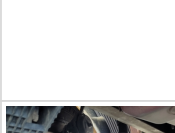
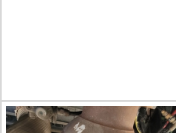










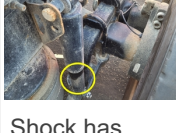




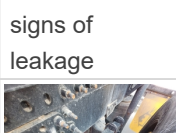



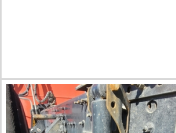











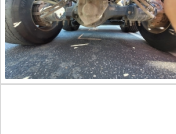
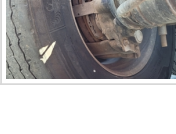
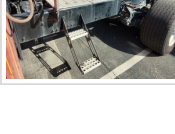
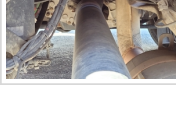

Battery Condition	Needs charge or replacement, Other (see comments)
Comments	Batteries were low on charge prior to inspection & were jump started.
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension, Cracks, missing grooves, or separating layers on one or more belts, Other (see comments)
Comments	Belts had normal wear and minor cracks
Hoses	3 - Normal Wear & Tear
Hose Condition	Cracking, stiff, or charred hoses, Firm, pliant hoses with no signs of wear or leaks, Other (see comments)
Comments	Most engine hoses in good condition. A few hoses, like one from the power steering pump had surface cracks.
Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Appearance	3 - Normal Wear & Tear
Coolant Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	Yes
Oil Leak Notes	Dried oil seepages seen, Wetness & discoloration observed, Other (see comments)
Comments	No active oil/fuel leaks seen but signs of minor, residual fluid buildup seen at left side of engine and at rear starter to engine area.
Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Appropriate oil level, Clean oil appearance, no signs of cross contamination
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	N/A
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Clean & dry, Areas of dried seepage seen on engine hoses & components
Overall Engine Comments	<p>Overall, the engine has a well maintained appearance, and no active check engine light/codes were observed. Minor residual fluid buildup is seen and should be further inspected for determining if a fluid leak may exist. (No active leaks or drips observed during the inspection)</p> <p>The Cummins C.N.G. Engine DOES HAVE a noticeably different sound in comparison to a diesel powered engine and should be further inspected if it raises concerns. The CNG fuel system was not tested for proper overall functionality.</p>

Chassis & Drivetrain Inspection Points

Inspection Report (On-Highway Truck Cab + Chassis)

On-Highway: Underbody Components

Chassis & Drivetrain Photos

Chassis & Drivetrain Underside Photos					
					
					
					
					
					
Shock has signs of leakage					
					
					
					
					

Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Suspension	3 - Normal Wear & Tear

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Steer Axle	3 - Normal Wear & Tear
Steering Components	3 - Normal Wear & Tear
Overall Chassis Condition	3 - Normal Wear & Tear
Overall Chassis Comments	The Chassis, drive train, and suspension components look to be well maintained with no obvious signs of issues observed during the inspection.

Drivetrain Inspection Points

Transmission Info (Make/Model)	Eaton - Automatic - 10 Speed
Transmission	3 - Normal Wear & Tear
Transmission Condition	No unusual noises or vibrations
PTO	0
Rear Differential	3 - Normal Wear & Tear
Rear Differential Condition	Dry housing appearance, no unusual noises heard during operation
Front Differential	3 - Normal Wear & Tear
Front Differential Condition	Dry housing appearance, no unusual noises heard during operation
Brake Shoe Thickness	50%
Comments	Caliper Brake Pads have at least 50% of brake material remaining and have a healthy appearance.
Air Brake System Leaks	No
Air Brake Hose Condition	3 - Normal Wear & Tear
Overall Drivetrain Condition	3 - Normal Wear & Tear
Overall Drivetrain Comments	The drive train and all other Chassis components have a healthy appearance and no obvious visual issues were seen.

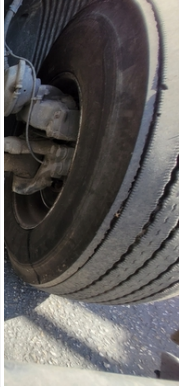



Wheels & Tires Inspection Points

Wheels & Tires

Wheels & Tires Inspection Points

Wheels & Hubs	3 - Normal Wear & Tear
Wheel Seal Leaks	No
Tire Brand	Michelin
Tire Size	Front-275/80R/22.5. Rear-445/50R/22.5
Front Left Tire - Ratio Remaining	30%

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Front Left Tire Photos		
Front Right Tire - Ratio Remaining	30%	
Front Right Tire Photos		
Rear Right Tire - Ratio Remaining	10%	
Rear Right Tire Photos		
Rear Left Tire - Ratio Remaining	10%	
Rear Left Tire Photos		

Functional Test

Functionality Assessment

Functionality Assessment

Engine	3 - Normal Wear & Tear
Transmission/Drivetrain	3 - Normal Wear & Tear
Travel (Forward/Reverse/Steering)	3 - Normal Wear & Tear
Brakes	3 - Normal Wear & Tear
Hydraulic System	0
Electric Operating System	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	0

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Overall Functional Test Comments	The engine was running okay and the air brake system was properly building pressure. The CNG fuel system had no obvious signs of issues. The transmission was traveling okay in forward & reverse and was only tested in short distances in low speeds. The truck was steering okay and the electrical system operated well.
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Inspection Summary

Overall Assessment

Inspection Rating Criteria	Rating Scale	Explanation
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	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Exterior Rating	3 - Normal Wear & Tear	
Interior Rating	3 - Normal Wear & Tear	
Safety Rating	3 - Normal Wear & Tear	
Quality Rating	3 - Normal Wear & Tear	
Functionality Rating	3 - Normal Wear & Tear	
Overall Rating	3 - Normal Wear & Tear	
Summary Video	Click to Download	
What's Great About the Machine	This tuck has a nice exterior appearance, and the interior is just as good. The chassis and drivetrain assembly look great and has been well maintained. No active leaks seen from the transmission.	
What Needs Work	A proper CNG inspection is recommended. The batteries were Jumpstarted prior to the inspection and may have to be replaced. Minor exterior scuff marks observed throughout the exterior. Most tires will need to be replaced soon. Possible minor oil leak or seepage at l/s engine area.	
Date/Time	02-01-2024	
Inspector Name	Mario Ramirez	