

Inspection Report (On-Highway Dump Truck)

General Info

B&B Stock Number	A8258812
Year	2004
Make	Volvo
Model	A25D
Serial Number	A225DV13115
Truck Odometer Reading	11507Hrs
Current Inspection / State Cert / DOT	N/A
Previous Application (e.g., earth moving, mining, demolition, etc)	unable to determine

Dimensions

Length (ft and inches)	32ft 7in
Width (ft and inches)	10ft 3in
Height (ft and inches)	11ft 4in
Wheelbase (ft and inches)	14ft
GVWR (lbs)	unable to verify

Features and Configuration







Drive Type	Other (specify)
Overdrive	No
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	No
Cruise Control	No
PTO	Yes
Engine Brake	No
Differential Lock	Yes
OMM (Operator & Maintenance Manual)	No
Telematics	No
Other Configuration Details / Notes	The Volvo truck is an articulating truck that is a 6x6

Exterior 360 Walkaround

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

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Exterior Walkaround Photos					
					

General Appearance Inspection Points

General Appearance

Inspection Rating Criteria

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.

General Appearance Photos

Close-up Exterior Photos					
					

General Appearance Inspection Points

Body Panels	3 - Normal Wear & Tear
Body Panel Condition	Areas of surface rust observed, Visible chipped paint or dents
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	3 - Normal Wear & Tear
Handrails Condition	Handrails are fully intact and appear structurally sound
Glass	3 - Normal Wear & Tear
Glass Condition	Glass intact, no visible damage



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Mirrors	3 - Normal Wear & Tear
Mirror Condition	Mirrors present and intact, no visible damage
Exterior Lights	3 - Normal Wear & Tear
Exterior Lights Condition	No visible damage, lighting system is operational



Cab Inspection Points

On Highway - Cab


Cab Interior Photos

Cab Interior Photos	
VIN/Serial Number Plate Photo	

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Odometer Photo			
Odometer Activity	3 - Normal Wear & Tear		
Odometer Condition	Odometer is working and in good condition		
Controls/Switches/Gauges	2 - Above Average Wear & Tear		
Controls/Switches/Gauges Condition	One or more switches/gauges are inoperative or missing		
Controls/Switches/Gauges Photos			 check engine light is on, indicating that there is a problem with the engine.
Brake System Type	Air Brakes		
Air Brakes Build Correct Pressure	Yes		
Clutch	0		
Horn	3 - Normal Wear & Tear		
Horn Condition	Horn is functioning as expected		


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Reverse Alarm / Backup Camera	0
Heater & A/C	3 - Normal Wear & Tear
Heat & A/C Condition	Heater and A/C work as expected
Interior Lights	3 - Normal Wear & Tear
Interior Lights Condition	All interior lights are installed and functioning
Seats/Seat Belts	3 - Normal Wear & Tear
Seats/Seat Belt Condition	Seat belt secures properly, Seat(s) have minor surface staining or small tears
Seats/ Seat Belt Photos	
Cab Interior Overall Rating	3 - Normal Wear & Tear


Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate	
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Engine Compartment Photos	
Engine Type (Make, Model, Cylinders, Hp)	Volvo, D9AEE2, 6-Cyl, 287HP
Emissions Tier	Tier 2
Engine Serial Number	unable to verify
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	N/A
Unusual Noises (Upon Start-up, Idle, Shutdown)	Yes
Unusual Noise Notes	Clicking noise heard during acceleration, Continuous muffled, hollow sound heard, Other (see comments)
Comments	The engine was turned on and after 5min started to make a sound like it wanted to turn off. The engine died and wouldn't start again.
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Clean & dry appearance, tight connections
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
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear
Water Pump Condition	Other (see comments)
Comments	engine was making noise, so it was difficult to determine if any noises were heard in the water pump
Cooling System Leaks	No
Coolant Color / Appearance	3 - Normal Wear & Tear
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination
Fuel Leaks	No








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Equipped with DPF (Diesel Particulate Filter)	N/A
Requires DEF (Diesel Exhaust Fluid)	Yes
DEF Tank	3 - Normal Wear & Tear
DEF Tank Condition	Area around DEF tank cap is clean, fluid is clear & appears free of contaminants
Overall Engine Rating	2 - Above Average Wear & Tear
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	The engine was making odd noises, and it shut off after 5 minutes of running. The engine would not turn back on after that.

Chassis & Drivetrain Inspection Points

On-Highway: Underbody Components

Chassis & Drivetrain Photos

Chassis & Drivetrain Underside Photos					
					

Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Suspension	3 - Normal Wear & Tear
Steer Axle	3 - Normal Wear & Tear
Steering Components	3 - Normal Wear & Tear
Overall Chassis Condition	3 - Normal Wear & Tear
Overall Chassis Comments	Chassis was in good condition

Drivetrain Inspection Points

Transmission Info (Make/Model)	unable to determine
Transmission	0
PTO	3 - Normal Wear & Tear
Rear Differential	0
Front Differential	0
Brake Shoe Thickness	70%






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Comments	The trucks engine would not start, so the transmission was unable to be tested. along with the front and rear differentials
Air Brake System Leaks	No
Air Brake Hose Condition	3 - Normal Wear & Tear
Overall Drivetrain Condition	3 - Normal Wear & Tear
Overall Drivetrain Comments	The engine was not working, so the overall functionality of the drivetrain was unable to be determined

Wheels & Tires Inspection Points

Wheels & Tires

Wheels & Tires Inspection Points


Wheels & Hub Condition	3
Wheel Seal Leaks	Yes
Wheel Seal Leak Photos	
Tire Brand	Triangle,
Tire Size	23.5R25
Front Left Tire - Ratio Remaining	70%
Front Left Tire Photos	
Front Right Tire - Ratio Remaining	70%
Front Right Tire Photos	
Rear Right Tire - Ratio Remaining	70%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	70%
Rear Left Tire Photos	

Additional Inspection Points

Dump Body & Hydraulic Inspection Points

Additional Inspection Points: Dump Body, Tailgate, Support & Tarp

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Dump Body Photos		
Dump Body Make & Material	N/A	
Dump Body Length (ft and inches)	16ft 11in	
Dump Body Height (ft and inches)	9ft 11in	
Bed Body	3 - Normal Wear & Tear	
Tailgate	0	
Tailgate Latch	0	
Support Frame	3 - Normal Wear & Tear	
Hinge Points	3 - Normal Wear & Tear	
Tarp	0	

Additional Inspection Points: Dump Hydraulics

Hydraulic Tank	3 - Normal Wear & Tear
Hoses	3 - Normal Wear & Tear
Hydraulic Cylinders	3 - Normal Wear & Tear
Cylinder Pins and Bushings	3 - Normal Wear & Tear
Hydraulic Function	3 - Normal Wear & Tear

Functional Test

Functionality Assessment

Functionality Assessment

Engine	1 - Service Required
Comments	The engine started for 5 minutes and then it turned off and would not trun on
Transmission/Drivetrain	0
Travel (Forward/Reverse/Steering)	0
Brakes	0
Hydraulic System	0
Electric Operating System	0
Controls	0
Safety Systems	3 - Normal Wear & Tear
Core Functions	0
Attachments	0
Overall Functional Test Comments	The engine would not start, therefore the trucks functionality was not able to be determined

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Inspection Summary

Overall Assessment

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	1 - Service Required	Requires immediate repairs to function as expected.
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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	0	
Functionality Rating	0	
Overall Rating	1 - Service Required	
What's Great About the Machine	The machine is solid and it's body panels are in good condition	
What Needs Work	The engine would not start and it was making lots of noises.	
Any Additional Info from the Seller?	The seller is having a technician come out to look at the machine	
Date/Time	07-14-2023	
Inspector Name	Steven Mesa	