

rb **RITCHIE BROS.** Diagnostic Report
Auctioneers[®]

2012 Mack 600 (Axle Forward)

Test Information

Engine	Mack (12.7)
Engine Serial	VOLVO*0USA10_13_0500_2400A*11032767
VIN	1M1AN07Y6CM008666
Driveline	Class 8
Body	Truck-Tractor
Test Time	June 30, 2026, 10:56 a.m.
File Length	5.59 s
Test Time	June 30, 2026, 10:54 a.m.
File Length	24.711 s

Usage

Label	Value	Units
Odometer (Instrument Cluster #1)	614,382	mi
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	44	%

Engine On/Off

Engine running

Check Engine Light

● MIL - Emissions malfunction

Emissions Deleted/Tampered

No

Faults

<u>DM</u>	<u>Controller Name</u>	<u>SPN Name</u>	<u>FMI Name</u>	<u>Count</u>
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Doser Valve 1	Low-least severe	1
Active	Engine #1	Unknown	Abnormal Update Rate	64
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Doser Valve 1	Low-least severe	1
Active	Engine #1	Engine Piston Cooling Gallery Oil Pressure	Erratic, Intermittent, or Incorrect	1
Active	Engine #1	Unknown	Abnormal Update Rate	64
Active	Engine #1	Engine Piston Cooling Gallery Oil Pressure	Erratic, Intermittent, or Incorrect	1
Previous	Engine #1	Engine Coolant Level 1	Low-most severe	6
Previous	Engine #1	Source Address 29	Abnormal Update Rate	4
Previous	Engine #1	NOx limits exceeded due to Insufficient Diesel Exhaust Fluid Quality	Low-moderate severity	1
Previous	Engine #1	Engine Intake Air Heater Driver #2	Voltage Below Normal	1
Previous	Engine #1	Engine Intake Air Heater Driver #1	Voltage Below Normal	1
Previous	Engine #1	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	5
Previous	Engine #1	Aftertreatment Regeneration Inhibit Switch	Abnormal Update Rate	20
Previous	Engine #1	Aftertreatment SCR Operator Inducement Severity	High-least severe	2
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Failure	1
Emissions Pending	Engine #1	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	5
Emissions Active	Engine #1	Unknown	Data Error	72
Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Doser Valve 1	Low-least severe	1
Permanent	Engine #1	Unknown	Data Error	72
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Doser Valve 1	Low-least severe	1