Penske Automotive Group, Inc.

PAG

NYSE; shops; SIC 5500, Retail-Auto Dealers & Gasoline Stations; CIK 0001019849

C

middle fifth of 254 graded peers in shops

rank 142 of 254; percentile 55.7; sampling error 3.0 points; lower is stronger

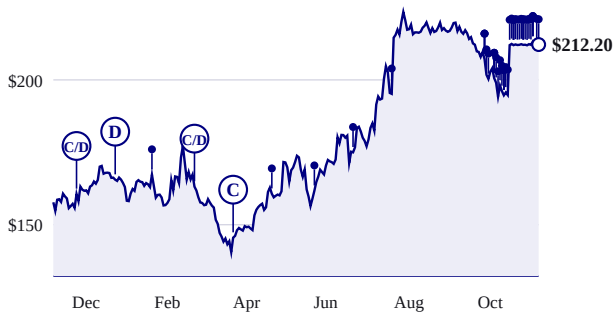
A B C D E

C, the tortoise



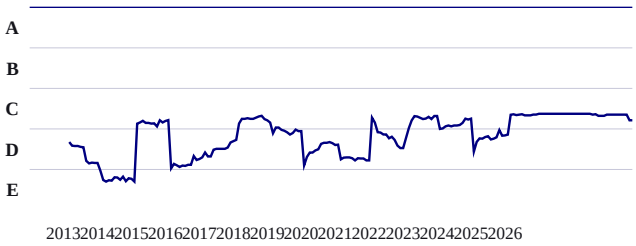
Scoreboard	
Profitability	C percentile 53.2
Solvency	C/D percentile 57.5
Growth and financing	B/C percentile 41.5
Reliability	0.94 AUC filers with over $2.67B assets; 95% interval 0.88 to 0.97; 61 events, 2020 to 2025
Peer failure rate	0.52% a year Item 1.03 bankruptcies, same asset band, 2012 to 2025
Size band	over $2.67B assets total assets $17.6B
Standard universe	inside revenue above $1M and assets above $10M
Warnings	none triggered not computable: distress
Inputs computable	12 of 14
Graded from	filings received through Feb 27, 2026 252 days before the rescan; latest periodic filing 10-Q received Oct 29, 2026
Last close	$212.27 2026-11-05; market equity $13.9B; no price enters the letter

Share price, twelve months to the rescan



Split-adjusted close. Each lollipop is a rescan and carries the letter held then.

Letter at every rescan, 2012 to 2026



Sector percentile at each rescan, stronger toward the top; facts filed by each date only.

Business, in the company's words

opening of Item 1 of the 10-K received Feb 27, 2026

We are a diversified international transportation services company and one of the world's premier automotive and commercial truck retailers. We operate dealerships in the United States, the United Kingdom, Canada, Germany, Italy, Japan, and Australia, and we are one of the largest retailers of commercial trucks in North America for Freightliner. We also distribute and retail commercial vehicles, diesel and gas engines, power systems, and related parts and services principally in Australia and New Zealand. We employ over 27,700 people worldwide.

The fourteen inputs

lower percentile is stronger; sleeves and inputs within a sleeve carry equal weight

Input	Value	Peer median	Percentile, 0 to 100	Pct	Peers	Period end
Profitability, sleeve percentile 53.2						
Gross profitability	29.6%	42.6%		68.8	238	2025-12-31
Return on invested capital	12.8%	10.9%		43.4	84	2025-12-31
Accruals ratio	(0.2%)	(4.8%)		89.0	283	2025-12-31

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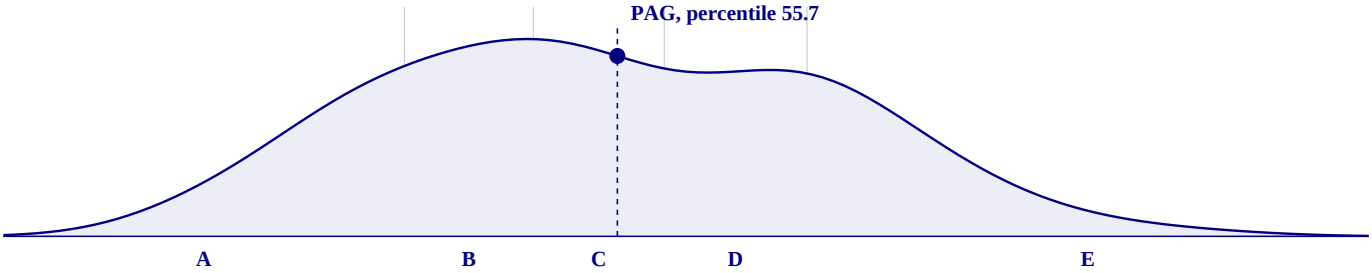
Gross margin stability, five years	0.5 pts	1.3 pts	11.6	216	2025-12-31
Solvency, sleeve percentile 57.5					
Twelve-month failure probability	not computable	0.03%			
latest liabilities, cash plus short-term investments, book equity, and shares are required					
Altman Z double-prime	2.01	1.93	44.8	204	2025-12-31
Net debt to EBITDA	1.45x	1.37x	53.1	99	2025-12-31
Interest coverage	not computable	3.83x			
latest aligned inputs end 2011-12-31; latest annual assets end 2025-12-31					
Current ratio	0.99x	1.37x	74.5	291	2025-12-31
Growth and financing, sleeve percentile 41.5					
Revenue growth, three-year compound	4.6%	1.6%	34.5	265	2025-12-31
Free cash flow growth, three-year compound	(17.9%)	4.6%	81.5	152	2025-12-31
Reinvestment rate	63.1%	12.2%	25.8	152	2025-12-31
Asset growth, three years	7.6%	3.4%	29.3	267	2025-12-31
Net share issuance, one year	(1.5%)	(0.6%)	36.5	209	2026-02-20

Among 254 peers

shops; letters are fifths of this list



Composite score of every graded peer, smoothed; vertical rules are the letter band edges; stronger to the left.

Rank	Company	Percentile	Letter	Warnings
137	Lithia Motors Inc. (LAD)	53.8	C	
138	Climb Global Solutions, Inc. (CLMB)	54.2	C	fortress balance sheet
139	Barnes & Noble Education, Inc. (BNED)	54.5	C	late filer
140	Cheesecake Factory Inc. (CAKE)	54.9	C	
141	Victoria's Secret & Co. (VSXY)	55.3	C	
142	Penske Automotive Group, Inc. (PAG)	55.7	C	
143	Arrow Electronics, Inc. (ARW)	56.1	C	
144	Natural Health Trends Corp. (NHTC)	56.5	C	
145	BlueLinx Holdings Inc. (BXC)	56.9	C	
146	Grocery Outlet Holding Corp. (GO)	57.3	C/D	
147	Autozone Inc. (AZO)	57.7	C/D	

What the price implies

at the 2026-11-05 close; none of these enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	29.3%	(0.7%)	77
Distance from 52-week high	(5.0%)	(21.0%)	86
EBIT to enterprise value	7.9%	5.1%	76
Free cash flow yield	4.7%	3.8%	58
Book value to price	0.43	0.36	55
Sales to price	2.28	1.62	62
Composite equity issuance, five years	(33.5%)	(16.9%)	19
Relative strength against the sector, log excess return	0.35	0.08	77

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Diagnostics

shown on every report; none enters the grade

Measure	Value
Piotroski F-score 6 of 9, period end 2025-12-31	
Return on assets above zero	pass
Operating cash flow above zero	pass
Return on assets improved	fail
Operating cash flow exceeds net income	pass
Long-term leverage fell	fail
Current ratio improved	pass
No new shares issued	pass
Gross margin improved	pass
Asset turnover improved	fail
Cash, filings, liquidity	
Cash and equivalents	$68.3M
Operating cash flow, four quarters	$800.3M
Months of runway	not finite
Days since last periodic filing	8 (10-Q received Oct 29, 2026)
Median daily dollar volume, 63 sessions	$79.3M

Sources

every fact behind the inputs; each row links to its filing index on sec.gov

#	Concept	XBRL tag	Value	Period end	Received	Form	Accession
1	gross profit	us-gaap:GrossProfit	$5.2B	2025-12-31	2026-02-27	10-K	26-012830
2	assets	us-gaap:Assets	$17.6B	2025-12-31	2026-02-27	10-K	26-012830
3	operating income	us-gaap:OperatingIncomeLoss	$1.3B	2025-12-31	2026-02-27	10-K	26-012830
4	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeInc...	$1.3B	2025-12-31	2026-02-27	10-K	26-012830
5	income tax	us-gaap:IncomeTaxExpenseBenefit	$325.8M	2025-12-31	2026-02-27	10-K	26-012830
6	total debt	us-gaap:LongTermDebt	$2.2B	2025-12-31	2026-02-27	10-K	26-012830
7	book equity	us-gaap:StockholdersEquity	$5.6B	2025-12-31	2026-02-27	10-K	26-012830
8	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	$64.7M	2025-12-31	2026-02-27	10-K	26-012830
9	total debt	us-gaap:LongTermDebt	$1.9B	2024-12-31	2026-02-27	10-K	26-012830
10	book equity	us-gaap:StockholdersEquity	$5.4B	2024-12-31	2026-02-27	10-K	26-012830
11	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	$83.6M	2024-12-31	2026-02-27	10-K	26-012830
12	net income	us-gaap:NetIncomeLoss	$935.4M	2025-12-31	2026-02-27	10-K	26-012830
13	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$975.1M	2025-12-31	2026-02-27	10-K	26-012830
14	assets	us-gaap:Assets	$17.1B	2024-12-31	2026-02-27	10-K	26-012830
15	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$31.8B	2025-12-31	2026-02-27	10-K	26-012830
16	gross profit	us-gaap:GrossProfit	$5.2B	2024-12-31	2026-02-27	10-K	26-012830
17	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$31.9B	2024-12-31	2026-02-27	10-K	26-012830
18	gross profit	us-gaap:GrossProfit	$5.1B	2023-12-31	2026-02-27	10-K	26-012830
19	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$30.9B	2023-12-31	2026-02-27	10-K	26-012830
20	gross profit	us-gaap:GrossProfit	$4.8B	2022-12-31	2025-02-21	10-K	25-000022
21	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$27.8B	2022-12-31	2025-02-21	10-K	25-000022
22	gross profit	us-gaap:GrossProfit	$4.4B	2021-12-31	2024-02-16	10-K	24-000033
23	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$25.6B	2021-12-31	2024-02-16	10-K	24-000033
24	current assets	us-gaap:AssetsCurrent	$6.2B	2025-12-31	2026-02-27	10-K	26-012830
25	current liabilities	us-gaap:LiabilitiesCurrent	$6.3B	2025-12-31	2026-02-27	10-K	26-012830
26	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	$5.8B	2025-12-31	2026-02-27	10-K	26-012830
27	liabilities	us-gaap:Liabilities	$12.0B	2025-12-31	2026-02-27	10-K	26-012830
28	depreciation amortization	us-gaap:Depreciation	$172.3M	2025-12-31	2026-02-27	10-K	26-012830
29	operating income	us-gaap:OperatingIncomeLoss	$295.2M	2011-12-31	2014-03-03	10-K	14-001666
30	interest expense	us-gaap:InterestExpense	$45.0M	2011-12-31	2012-02-24	10-K	12-078466
31	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	$324.6M	2025-12-31	2026-02-27	10-K	26-012830

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32	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$1.2B	2024-12-31	2026-02-27	10-K	26-012830
33	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	$377.8M	2024-12-31	2026-02-27	10-K	26-012830
34	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesC...	$1.1B	2023-12-31	2024-02-16	10-K	24-000033
35	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	$386.0M	2023-12-31	2026-02-27	10-K	26-012830
36	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesC...	$1.5B	2022-12-31	2024-02-16	10-K	24-000033
37	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	$282.5M	2022-12-31	2025-02-21	10-K	25-000022
38	current assets	us-gaap:AssetsCurrent	$6.0B	2024-12-31	2026-02-27	10-K	26-012830
39	current liabilities	us-gaap:LiabilitiesCurrent	$6.6B	2024-12-31	2026-02-27	10-K	26-012830
40	assets	us-gaap:Assets	$15.7B	2023-12-31	2025-02-21	10-K	25-000022
41	assets	us-gaap:Assets	$14.1B	2022-12-31	2024-02-16	10-K	24-000033
42	shares outstanding	dei:EntityCommonStockSharesOutstanding	65,760,087	2026-02-20	2026-02-27	10-K	26-012830
43	shares outstanding	dei:EntityCommonStockSharesOutstanding	66,749,222	2025-02-11	2025-02-21	10-K	25-000022

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