

Penske Automotive Group, Inc. (PAG)

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

Penske Automotive Group, Inc.	
PAG; shops	
Grade	C A B C D E middle fifth of 258 graded peers percentile 52.5; sampling error 2.9 points; lower is stronger
Rank	136 of 258
Profitability	C percentile 52.7
Solvency	C percentile 55.8
Growth and financing	B/C percentile 41.6
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 active not computable: distress
Inputs computable	12 of 14
Graded from	filings received through Feb 27, 2026 224 days before the rescans; latest periodic filing 10-Q received Jul 30, 2026
Last close	\$198.11 2026-10-08; market equity \$13.0B
Price used in grade	None



C, the tortoise

middle fifth of its sector; letters are fifths of the 258 graded peers

Share price, twelve months to the rescans

split-adjusted close; the letter is fixed at the rescans that set it



Rescans on file: D from Feb 21, 2025, C/D from Nov 21, 2025, D from Jan 21, 2026, C from Mar 21, 2026

Letter at every rescans

Jan 21, 2012 to Oct 9, 2026; sector percentile, 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.

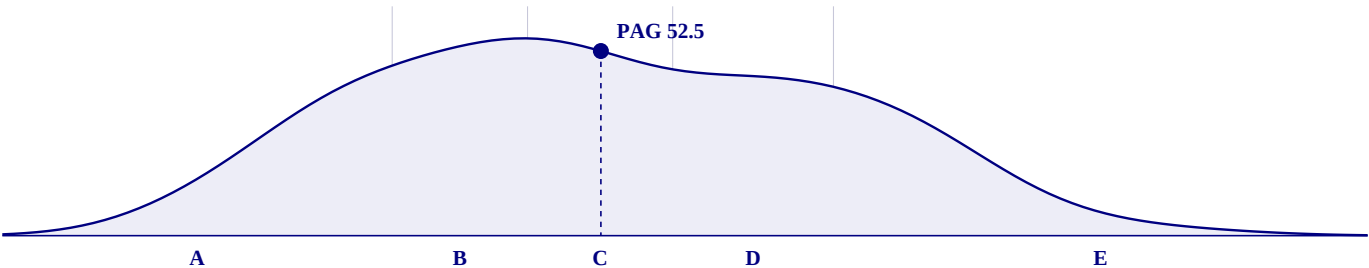
The fourteen inputs

lower percentile is stronger; equal-weighted sleeves

Input	Percentile, 0 to 100	Value	Peer median	Percentile	Peers	Period end
Profitability, sleeve percentile 52.7						
Gross profitability		29.6%	42.6%	68.5	242	2025-12-31
Return on invested capital		12.8%	10.9%	43.4	84	2025-12-31
Accruals ratio		(0.2%)	(4.9%)	87.4	287	2025-12-31
Gross margin stability, five years		0.5 pts	1.2 pts	11.5	219	2025-12-31
Solvency, sleeve percentile 55.8						
Twelve-month failure probability		not computable	0.04%			latest liabilities, cash plus short-term investments, book equity, and shares are required
Altman Z double-prime		2.01	1.92	44.4	208	2025-12-31
Net debt to EBITDA		1.45x	1.84x	48.5	100	2025-12-31
Interest coverage		not computable	2.26x			latest aligned inputs end 2011-12-31; latest annual assets end 2025-12-31
Current ratio		0.99x	1.37x	74.5	295	2025-12-31
Growth and financing, sleeve percentile 41.6						
Revenue growth, three-year compound		4.6%	1.5%	34.3	269	2025-12-31
Free cash flow growth, three-year compound		(17.9%)	5.6%	84.9	147	2025-12-31
Reinvestment rate		63.1%	7.3%	23.2	152	2025-12-31
Asset growth, three years		7.6%	3.4%	29.5	272	2025-12-31
Net share issuance, one year		(1.5%)	(0.6%)	36.2	211	2026-02-20

Among 258 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
131	Titan Machinery Inc. (TITN)	50.6	C	fortress balance sheet
132	Bath & Body Works, Inc. (BBWI)	51.0	C	
133	Mckesson Corp. (MCK)	51.4	C	
134	Darden Restaurants Inc. (DRI)	51.8	C	
135	Hudson Technologies Inc. (HDSN)	52.1	C	
136	Penske Automotive Group, Inc. (PAG) <	52.5	C	
137	Walmart Inc. (WMT)	52.9	C	

138	Natural Health Trends Corp. (NHTC)	53.3	C
139	Insight Enterprises Inc. (NSIT)	53.7	C
140	Lithia Motors Inc. (LAD)	54.1	C
141	Climb Global Solutions, Inc. (CLMB)	54.5	C fortress
			balance sheet

What the price implies

at the 2026-10-08 close; none enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	28.7%	(0.1%)	76
Distance from 52-week high	(11.4%)	(24.1%)	78
EBIT to enterprise value	8.3%	5.3%	79
Free cash flow yield	5.0%	4.2%	57
Book value to price	0.45	0.36	56
Sales to price	2.45	1.75	63
Composite equity issuance, five years	(33.5%)	(16.7%)	18
Relative strength against the sector, log excess return	0.28	0.02	76

Diagnostics

not in 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	\$69.5M
Operating cash flow, four quarters	\$894.0M
Months of runway	not finite
Days since last periodic filing	71 (10-Q received Jul 30, 2026)
Median daily dollar volume, 63 sessions	\$76.7M

Sources

each row links to the 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	0001628280-26-012830
2	assets	us-gaap:Assets	\$17.6B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
3	operating income	us-gaap:OperatingIncomeLoss	\$1.3B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
4	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraord	\$1.3B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
5	income tax	us-gaap:IncomeTaxExpenseBenefit	\$325.8M	2025-12-31	2026-02-27	10-K	0001628280-26-012830
6	total debt	us-gaap:LongTermDebt	\$2.2B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
7	book equity	us-gaap:StockholdersEquity	\$5.6B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
8	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	\$64.7M	2025-12-31	2026-02-27	10-K	0001628280-26-012830
9	total debt	us-gaap:LongTermDebt	\$1.9B	2024-12-31	2026-02-27	10-K	0001628280-26-012830
10	book equity	us-gaap:StockholdersEquity	\$5.4B	2024-12-31	2026-02-27	10-K	0001628280-26-012830
11	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	\$83.6M	2024-12-31	2026-02-27	10-K	0001628280-26-012830
12	net income	us-gaap:NetIncomeLoss	\$935.4M	2025-12-31	2026-02-27	10-K	0001628280-26-012830
13	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$975.1M	2025-12-31	2026-02-27	10-K	0001628280-26-012830
14	assets	us-gaap:Assets	\$17.1B	2024-12-31	2026-02-27	10-K	0001628280-26-012830
15	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$31.8B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
16	gross profit	us-gaap:GrossProfit	\$5.2B	2024-12-31	2026-02-27	10-K	0001628280-26-012830
17	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$31.9B	2024-12-31	2026-02-27	10-K	0001628280-26-012830

18	gross profit	us-gaap:GrossProfit	\$5.1B	2023-12-31	2026-02-27	10-K	0001628280-26-012830
19	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$30.9B	2023-12-31	2026-02-27	10-K	0001628280-26-012830
20	gross profit	us-gaap:GrossProfit	\$4.8B	2022-12-31	2025-02-21	10-K	0001019849-25-000022
21	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$27.8B	2022-12-31	2025-02-21	10-K	0001019849-25-000022
22	gross profit	us-gaap:GrossProfit	\$4.4B	2021-12-31	2024-02-16	10-K	0001019849-24-000033
23	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$25.6B	2021-12-31	2024-02-16	10-K	0001019849-24-000033
24	current assets	us-gaap:AssetsCurrent	\$6.2B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
25	current liabilities	us-gaap:LiabilitiesCurrent	\$6.3B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
26	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	\$5.8B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
27	liabilities	us-gaap:Liabilities	\$12.0B	2025-12-31	2026-02-27	10-K	0001628280-26-012830
28	depreciation amortization	us-gaap:Depreciation	\$172.3M	2025-12-31	2026-02-27	10-K	0001628280-26-012830
29	operating income	us-gaap:OperatingIncomeLoss	\$295.2M	2011-12-31	2014-03-03	10-K	0001047469-14-001666
30	interest expense	us-gaap:InterestExpense	\$45.0M	2011-12-31	2012-02-24	10-K	0001193125-12-078466
31	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$324.6M	2025-12-31	2026-02-27	10-K	0001628280-26-012830
32	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$1.2B	2024-12-31	2026-02-27	10-K	0001628280-26-012830
33	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$377.8M	2024-12-31	2026-02-27	10-K	0001628280-26-012830
34	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesContinuingOperation	\$1.1B	2023-12-31	2024-02-16	10-K	0001019849-24-000033
35	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$386.0M	2023-12-31	2026-02-27	10-K	0001628280-26-012830
36	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesContinuingOperation	\$1.5B	2022-12-31	2024-02-16	10-K	0001019849-24-000033
37	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$282.5M	2022-12-31	2025-02-21	10-K	0001019849-25-000022
38	current assets	us-gaap:AssetsCurrent	\$6.0B	2024-12-31	2026-02-27	10-K	0001628280-26-012830
39	current liabilities	us-gaap:LiabilitiesCurrent	\$6.6B	2024-12-31	2026-02-27	10-K	0001628280-26-012830
40	assets	us-gaap:Assets	\$15.7B	2023-12-31	2025-02-21	10-K	0001019849-25-000022
41	assets	us-gaap:Assets	\$14.1B	2022-12-31	2024-02-16	10-K	0001019849-24-000033
42	shares outstanding	dei:EntityCommonStockSharesOutstanding	65,760,087	2026-02-20	2026-02-27	10-K	0001628280-26-012830
43	shares outstanding	dei:EntityCommonStockSharesOutstanding	66,749,222	2025-02-11	2025-02-21	10-K	0001019849-25-000022