

Gameplan

Bear Team





Joaquin Rodriguez Junior



Michael Resendez Sophomore



Sam Flores Senior





Jenna Lindemann



Logan Arciba Sophomore - Leader





Dylan Swanson Junior - Leader

Zac Nguyen

Senior

Bull Team



Pablo Samanez Sophomore



Michael Resendez Sophomore

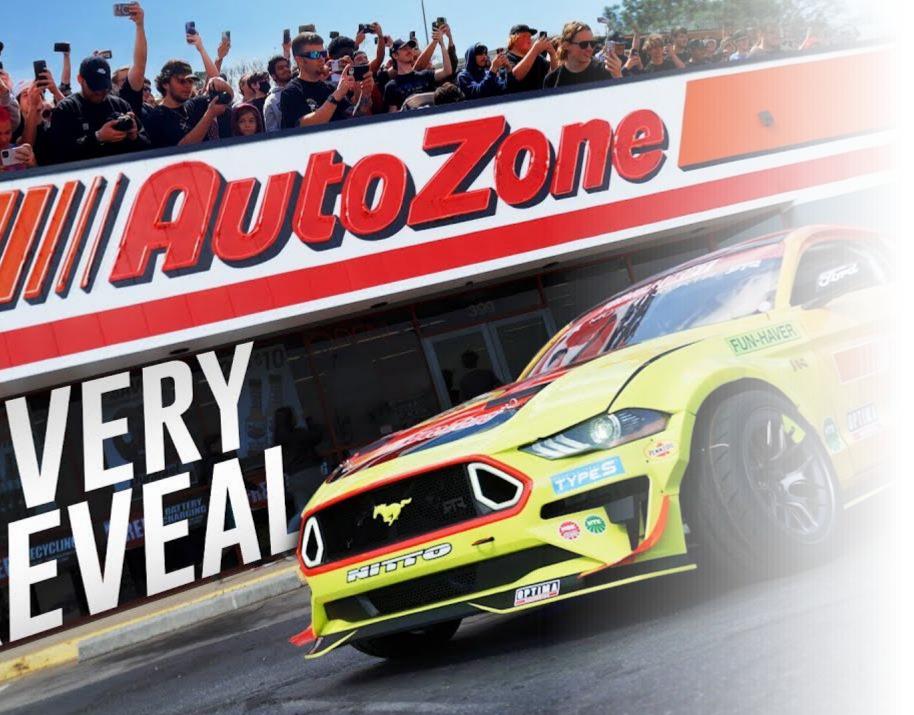


Ethan Sanchez Junior - Leader



William Errett Junior - Leader







Company Overview

Sam Flores



Company Overview

Ticker: AZO

Market capitalization: \$49.25 billion

2022 revenue: \$16.8 billion

Founded: 1979

Employee count: 112,000 people

Located in: Memphis TN

Our position: 20 Shares, \$23,498

Current Market Value: \$53,628

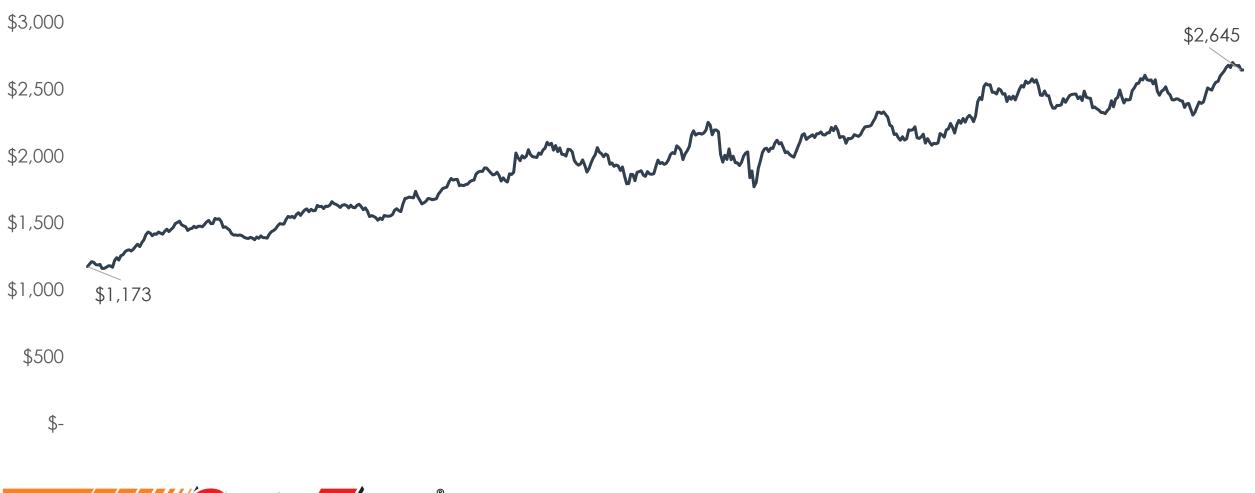
Unrealized Annualized Return: 40%

Portfolio weighting: 4.1%





Price History Since Purchasing





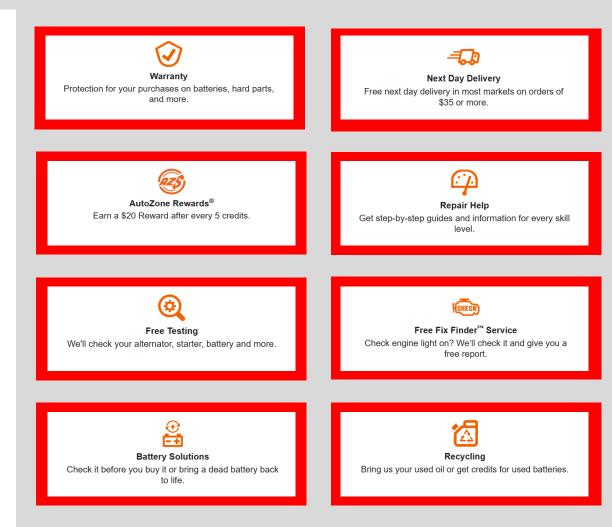
Value Proposition

Leading retailer and distributor of aftermarket automotive products

Strong DIY (Do-it-Yourself) reputation through customer service



Don't sell only products, also a service





Value Proposition

They have the products you need when you need them

A representative must come help you in 30 seconds

There is a store close to nearly every American







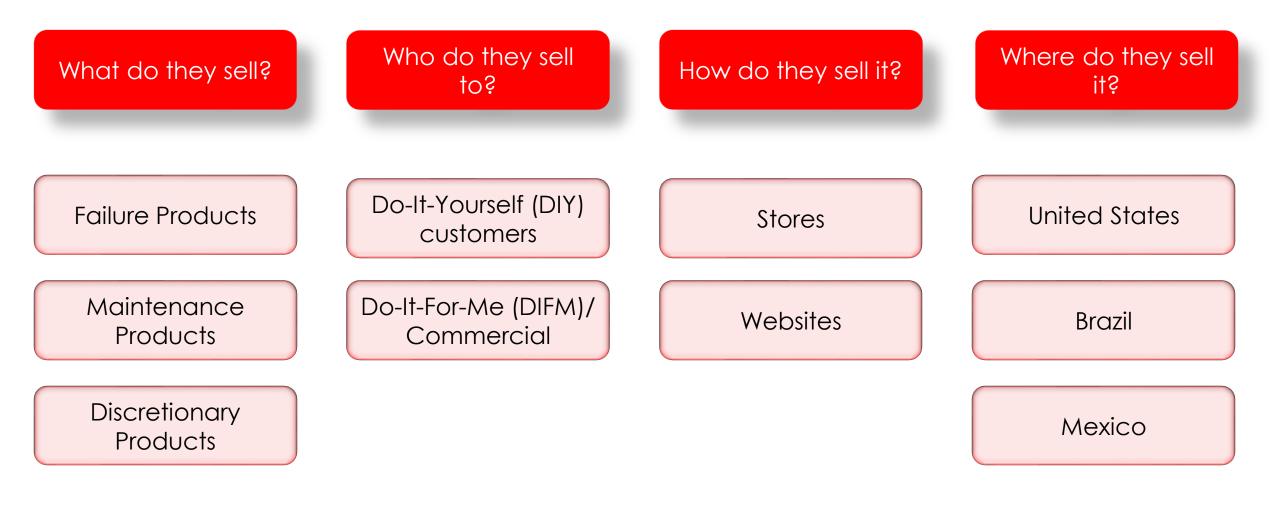


Revenue Breakdown

Joaquin Melendez-Rodriguez

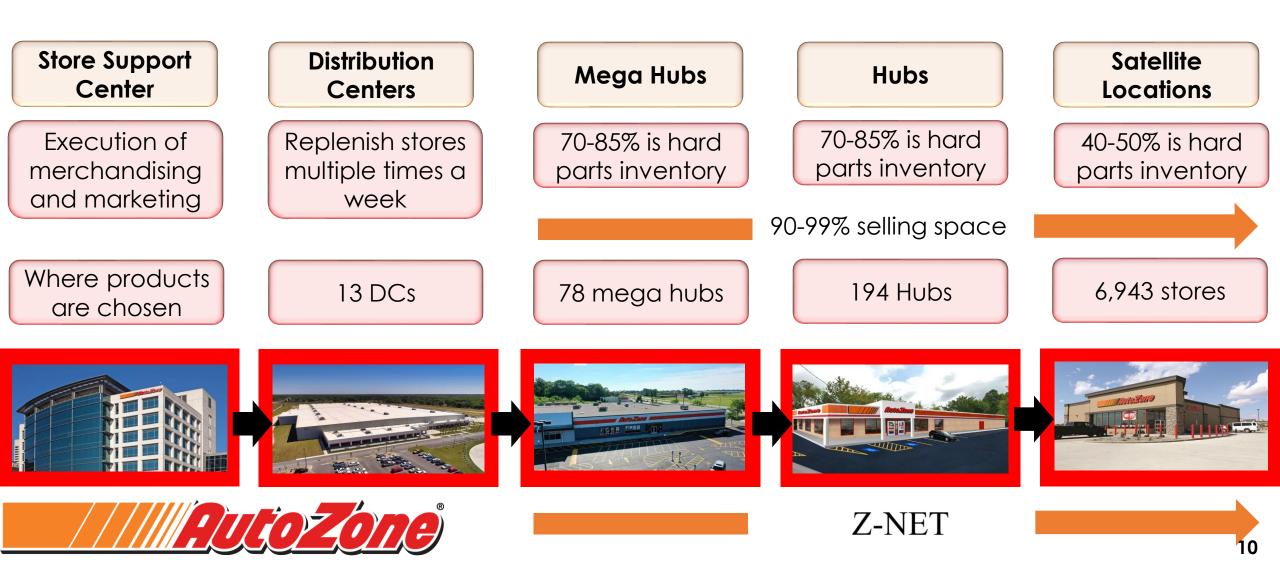


Business Model

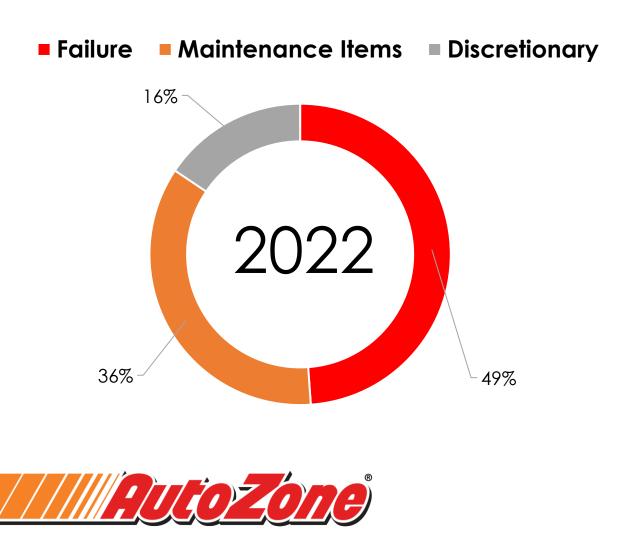


9

Supply Chain



Product Mix





Products

Accessories

Must needs

Failure

A/C Compressors Batteries & Accessories Bearings Belts & Hoses Calipers Chassis Clutches CV Axles Engines Fuel Pumps Fuses Ignition Lighting Mufflers Radiators Starters & Alternators Thermostats Tire Repair Water Pumps

Frequent changes

Maintenance

Antifreeze & Windshield Washer Fluid Brake Drums, Rotors, Shoes & Pads Chemicals, including Brake & Power Steering Fluid, Oil & Fuel Additives Oil & Transmission Fluid Oil, Cabin, Air, Fuel & Transmission Filters Oxygen Sensors Paint & Accessories Refrigerant & Accessories Shock Absorbers & Struts Spark Plugs & Wires Windshield Wipers Discretionary Air Fresheners Cell Phone Accessories Drinks & Snacks Floor Mats & Seat Covers Interior & Exterior Accessories Mirrors Performance Products Protectants & Cleaners Sealants & Adhesives Steering Wheel Covers Stereos & Radios Tools Towing Wash & Wax



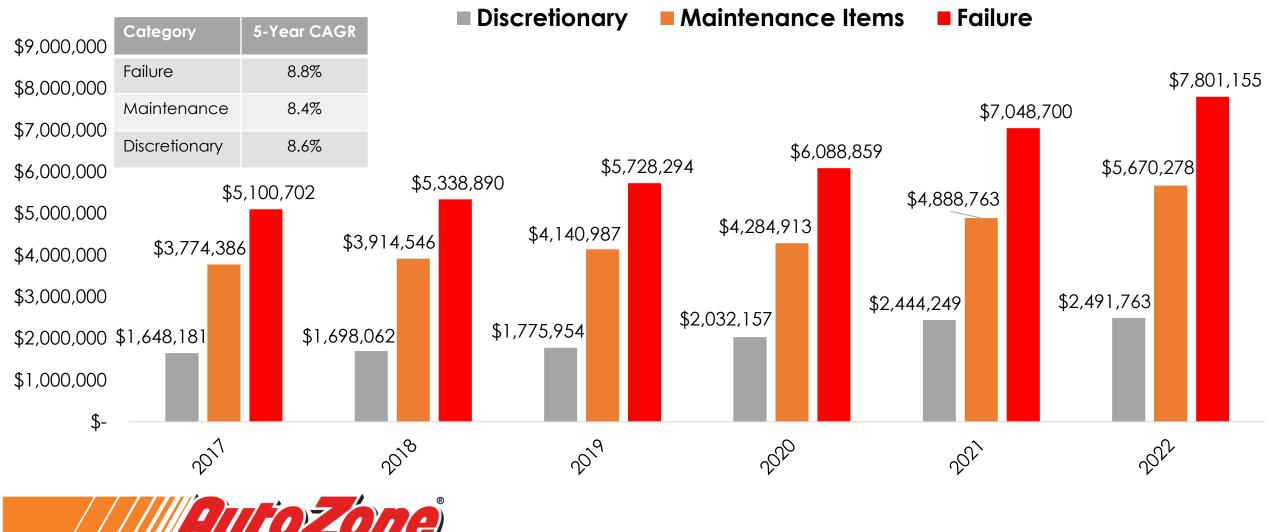




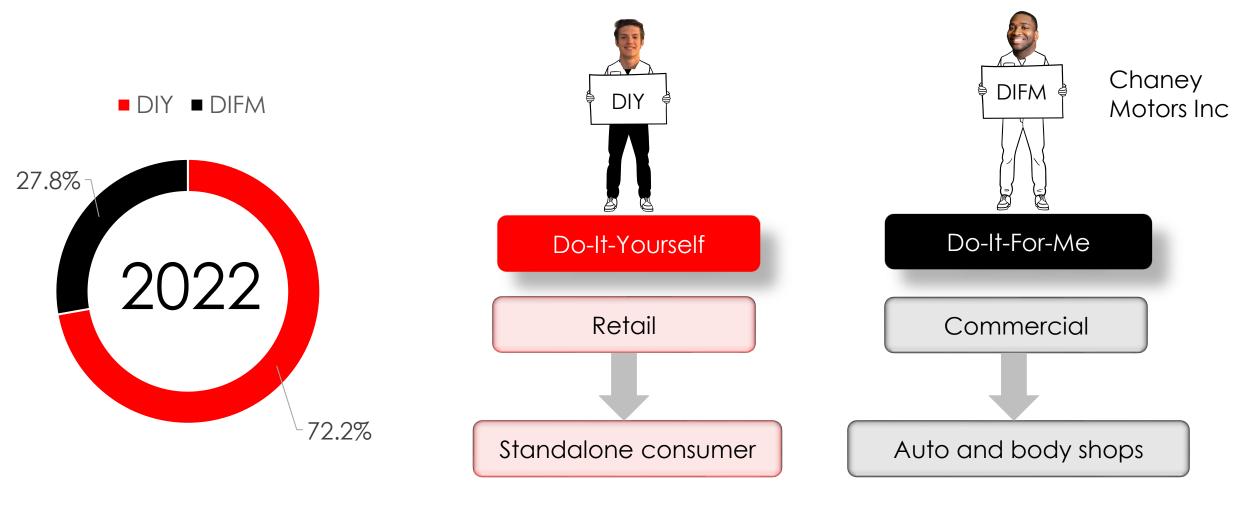


Product Growth

In Thousands USD



Customers





Customer Growth

In Millions USD



DIFM DIY

Commercial Sales Program

Commercial Credit

Prompt delivery of parts



Easy to use app

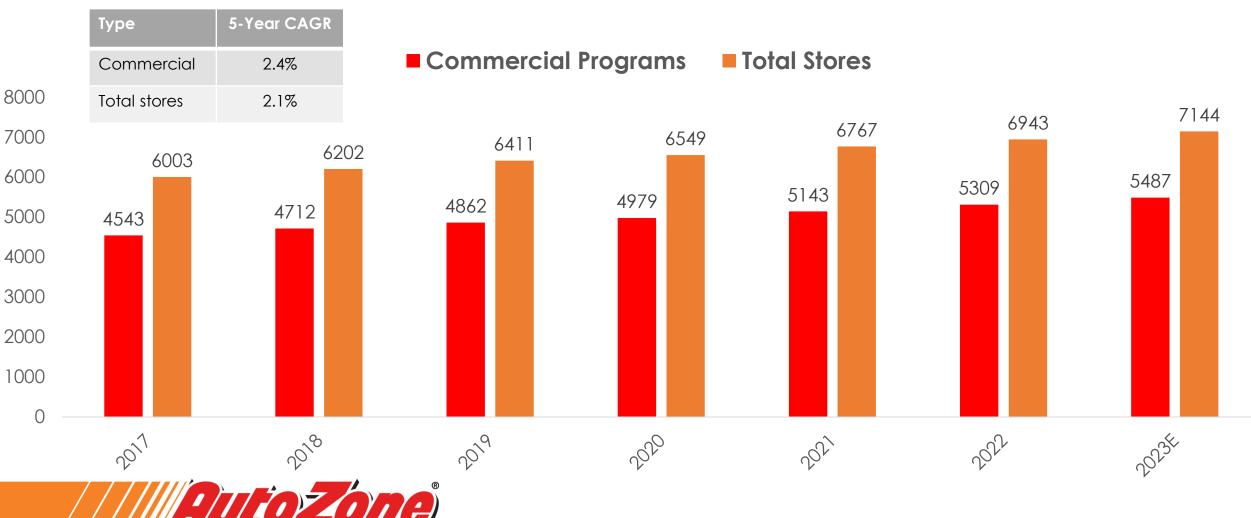
ALLDATA diagnostic, repair, and shop management software

All stores in Mexico and Brazil



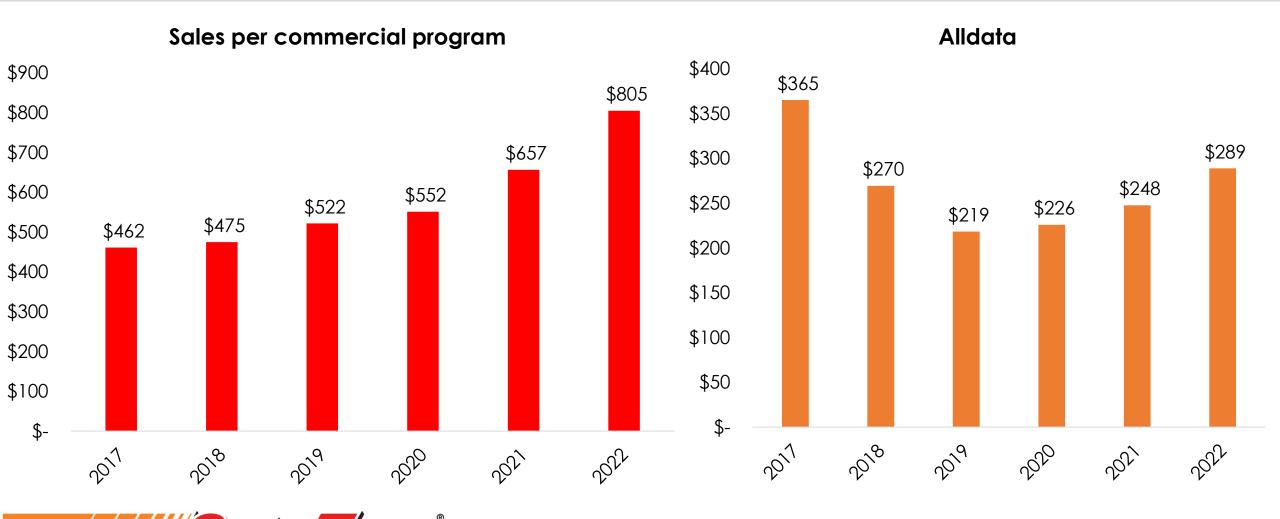


Commercial Programs



Commercial

In Millions USD

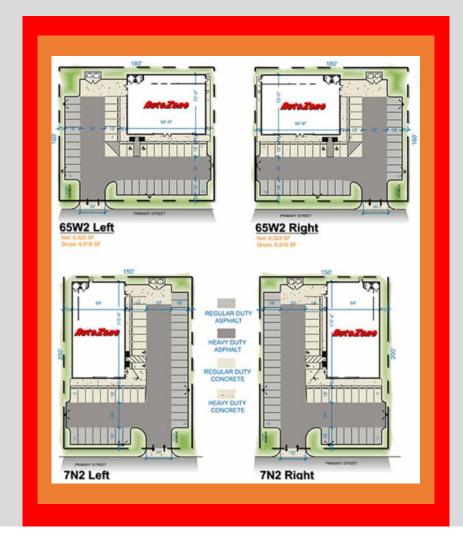


Stores



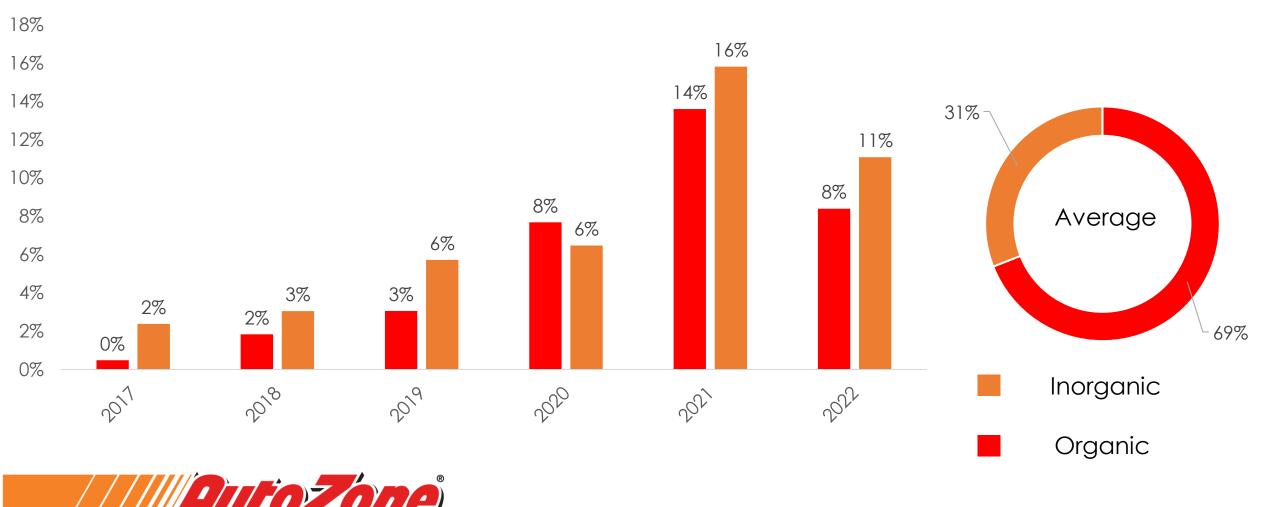
Sales Per Square Foot



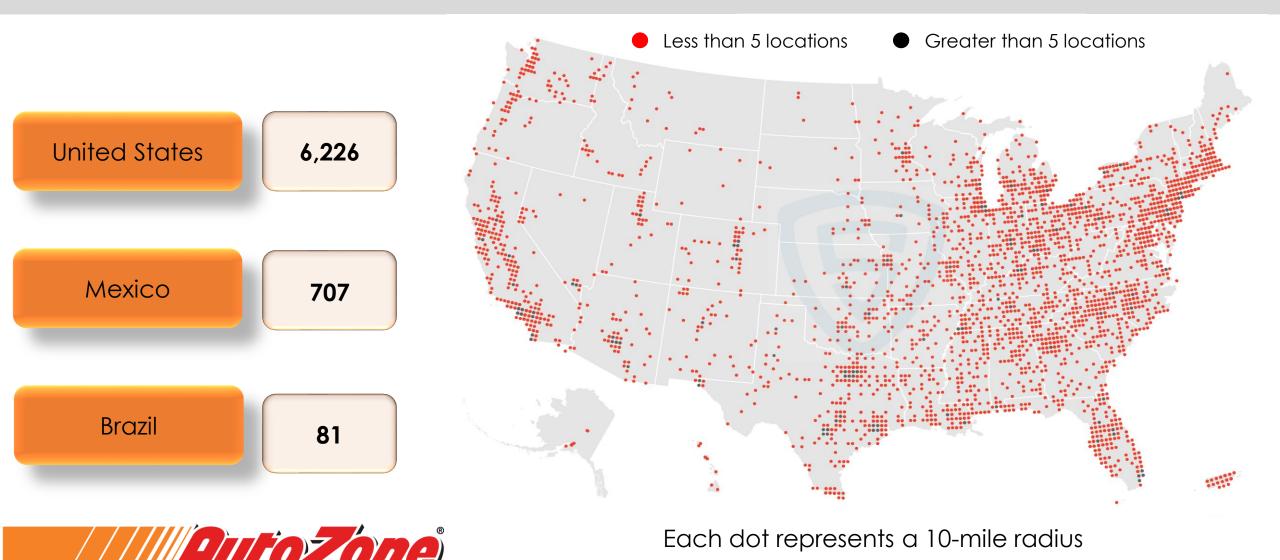


Organic vs. Inorganic Growth

■ Same store sales % ■ total sales %



Geographies



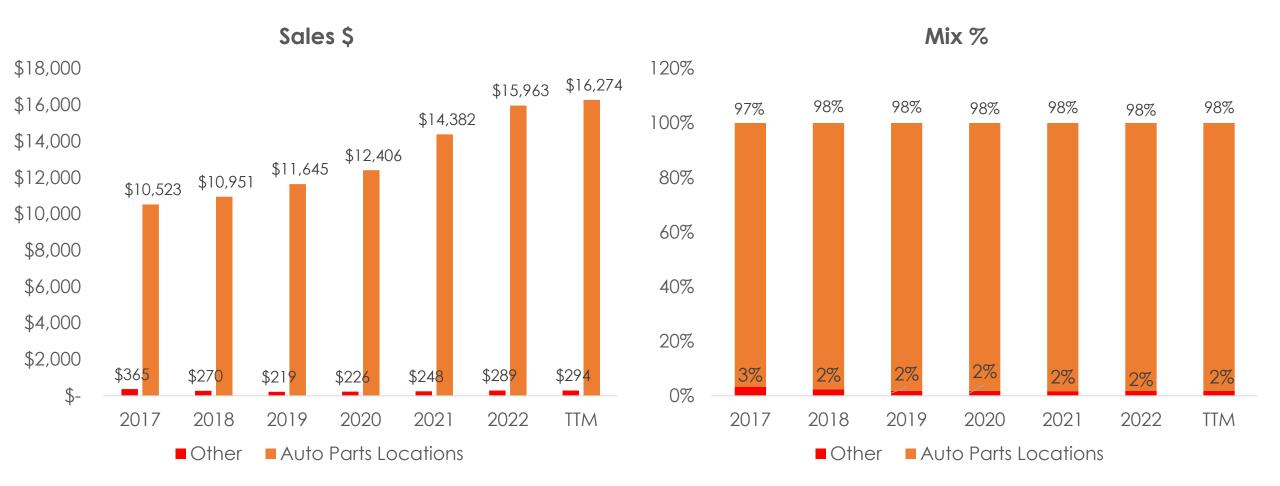
Reportable Segments





Segment Growth

In Millions USD



Private Label Brands







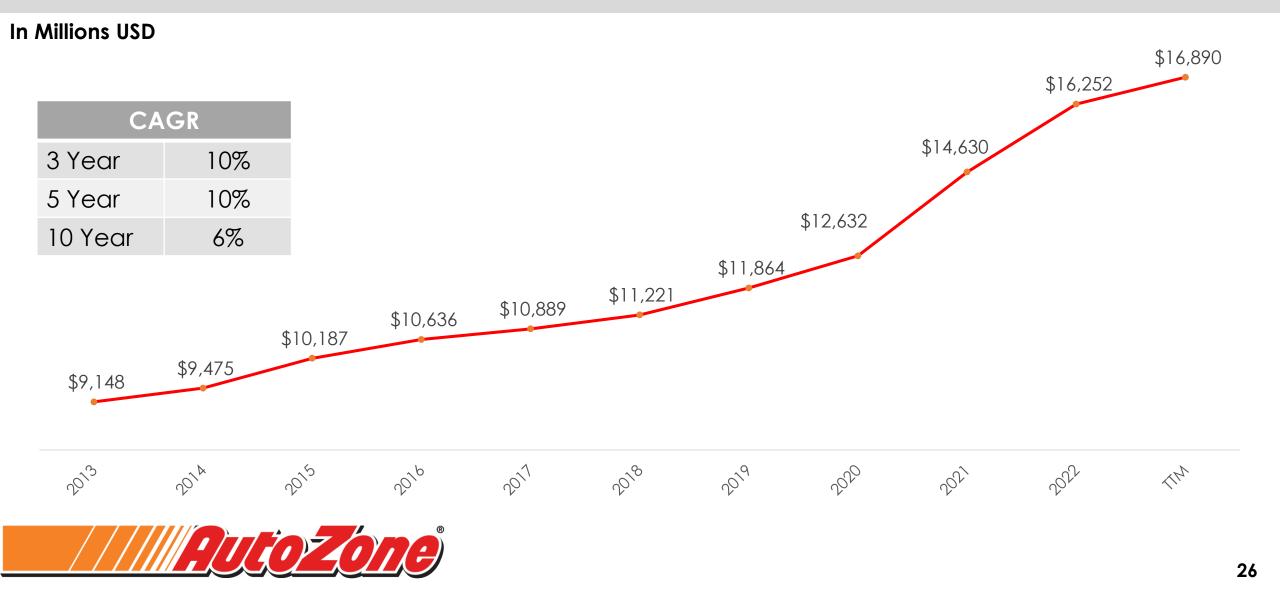


Interpretation of Financial Statements

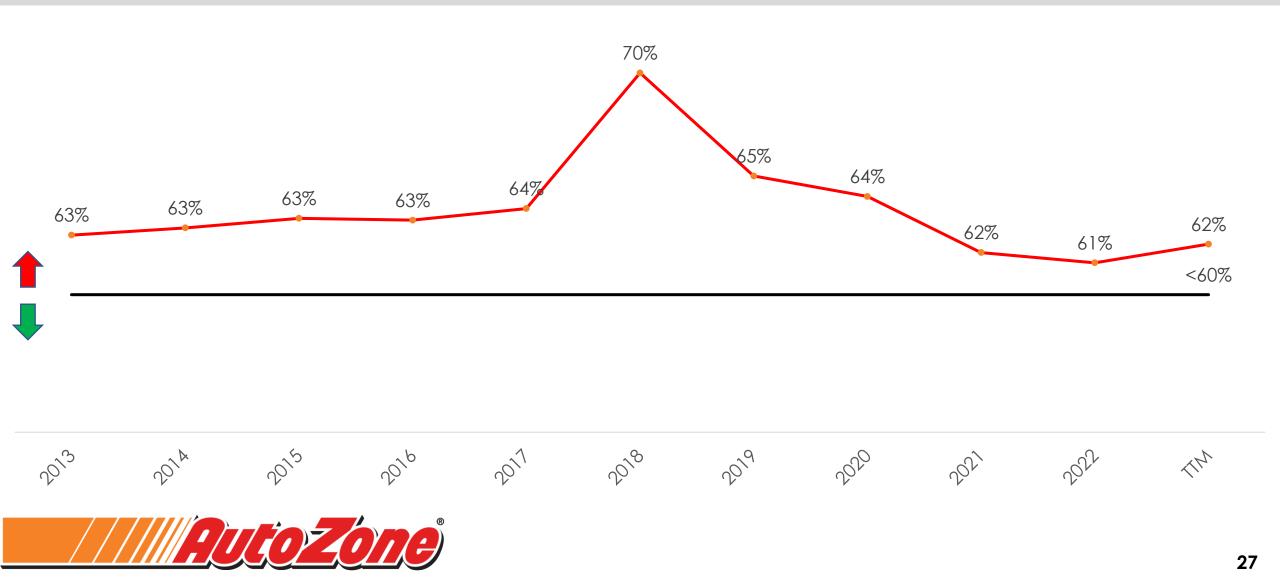
Michael Resendez



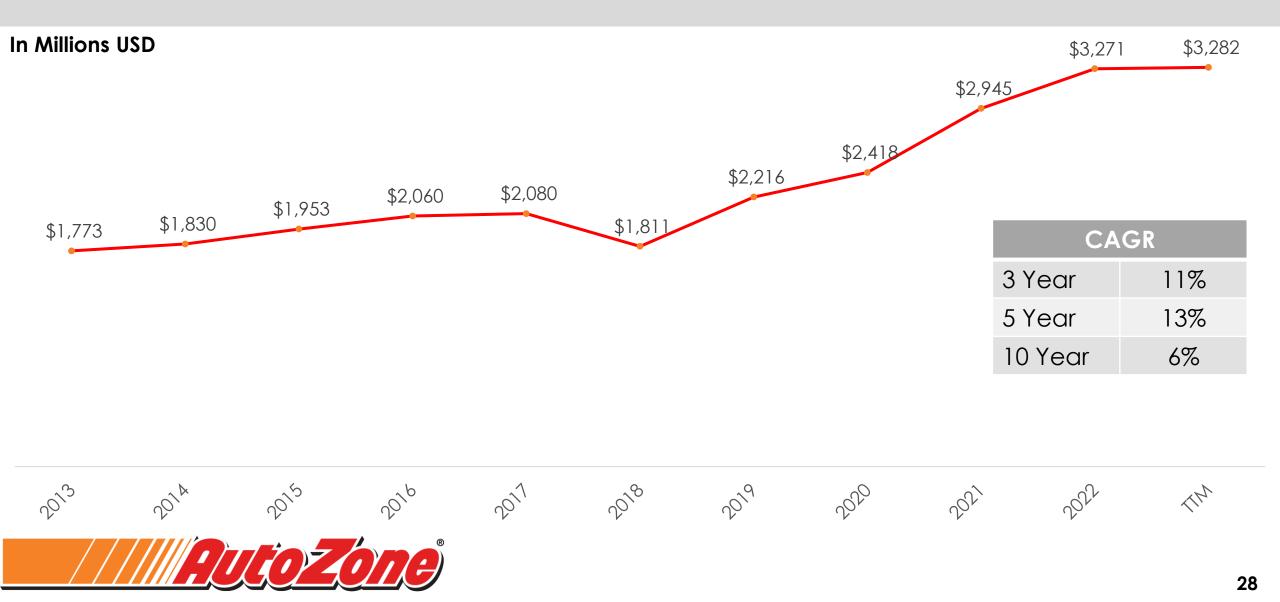
Revenue



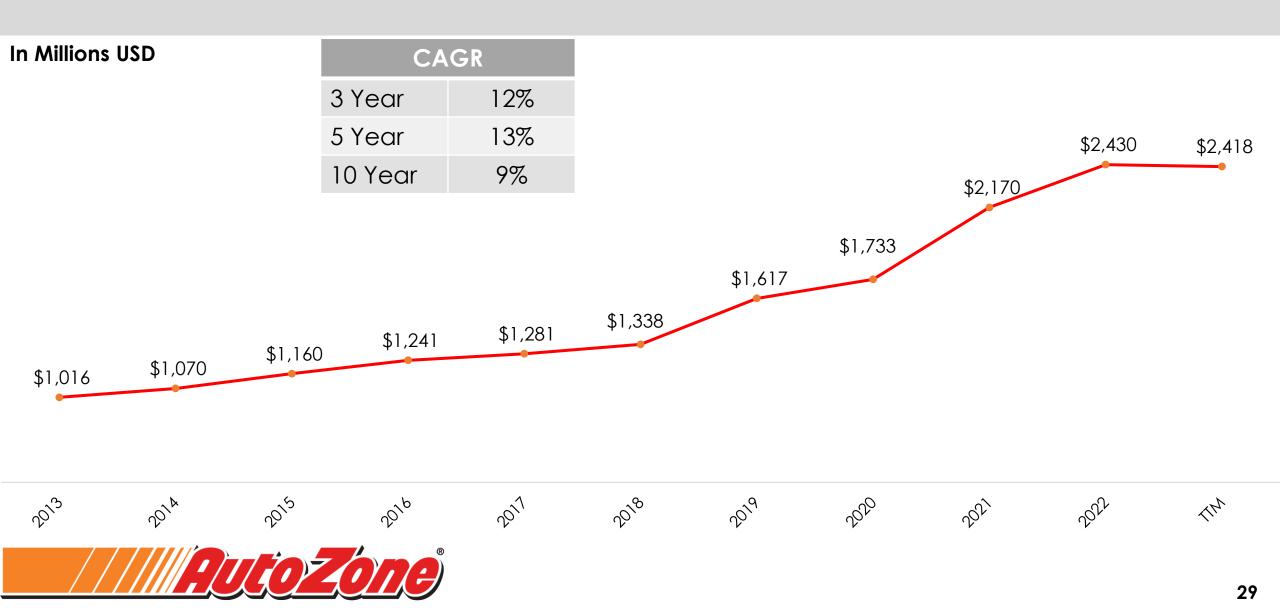
Selling, General, and Admin. / Gross Profit



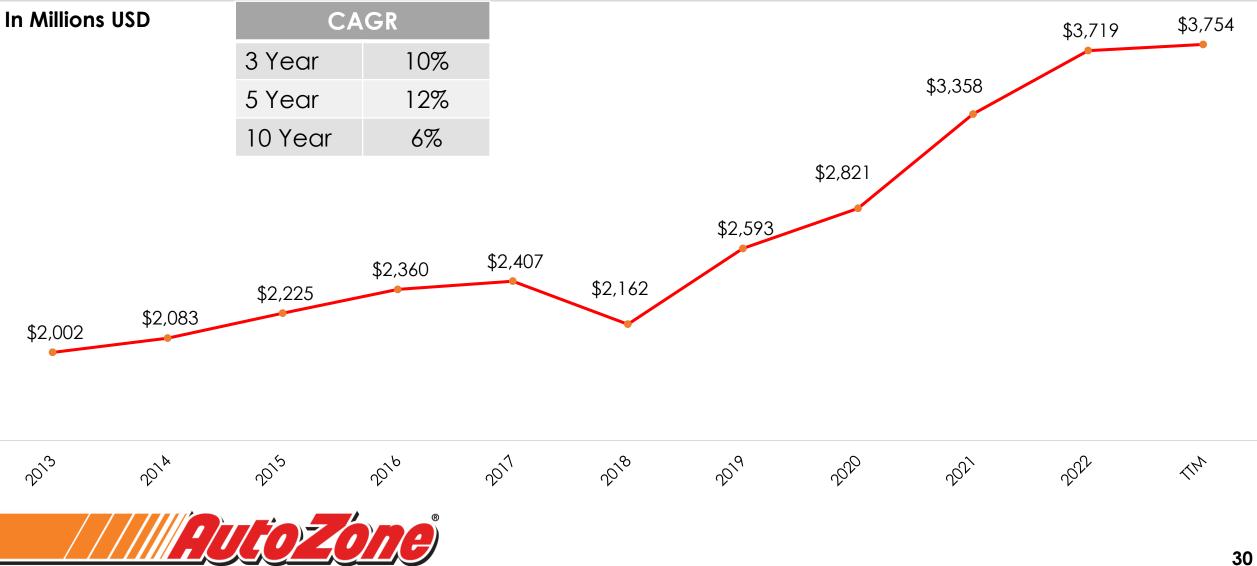
Operating Income



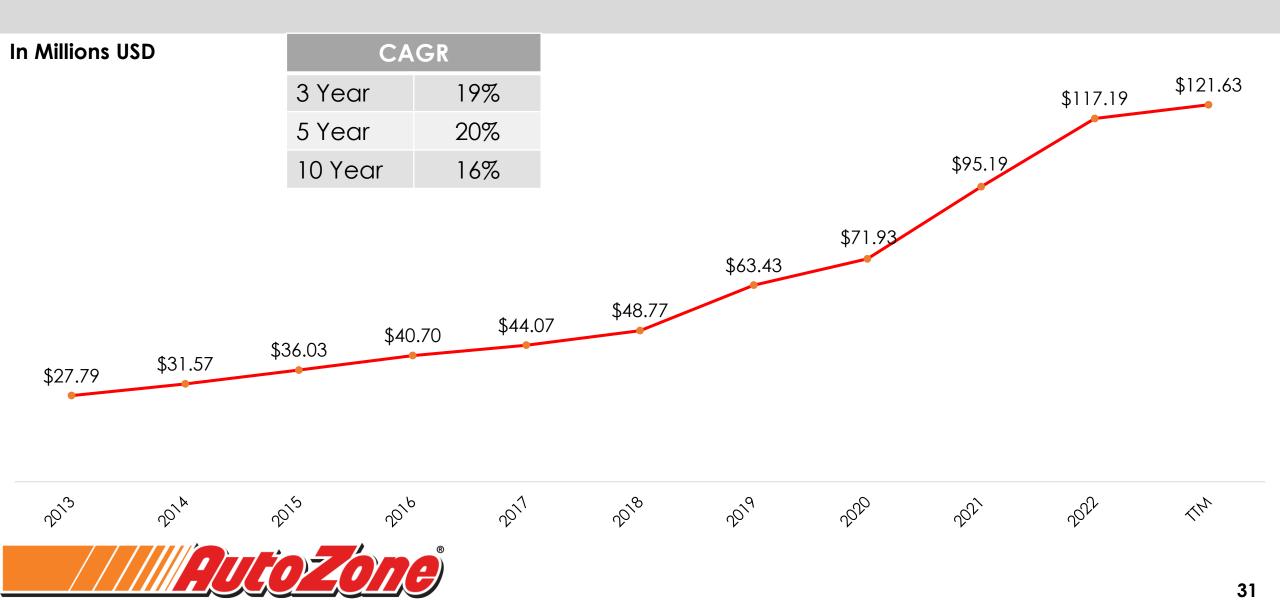
Net Income



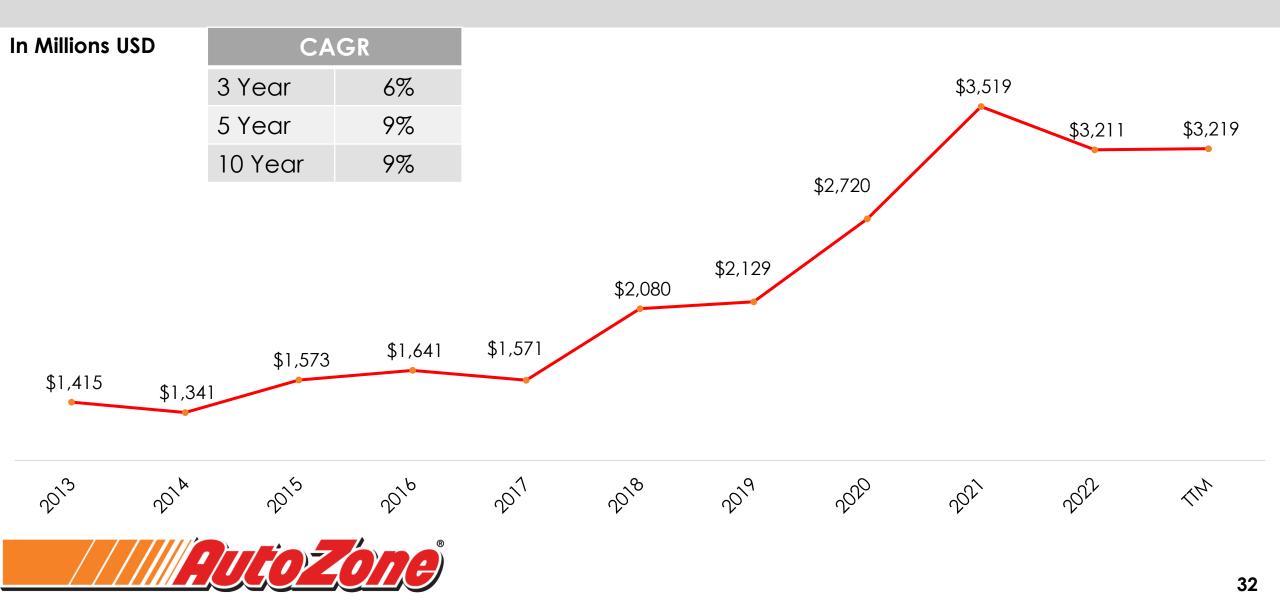
EBITDA



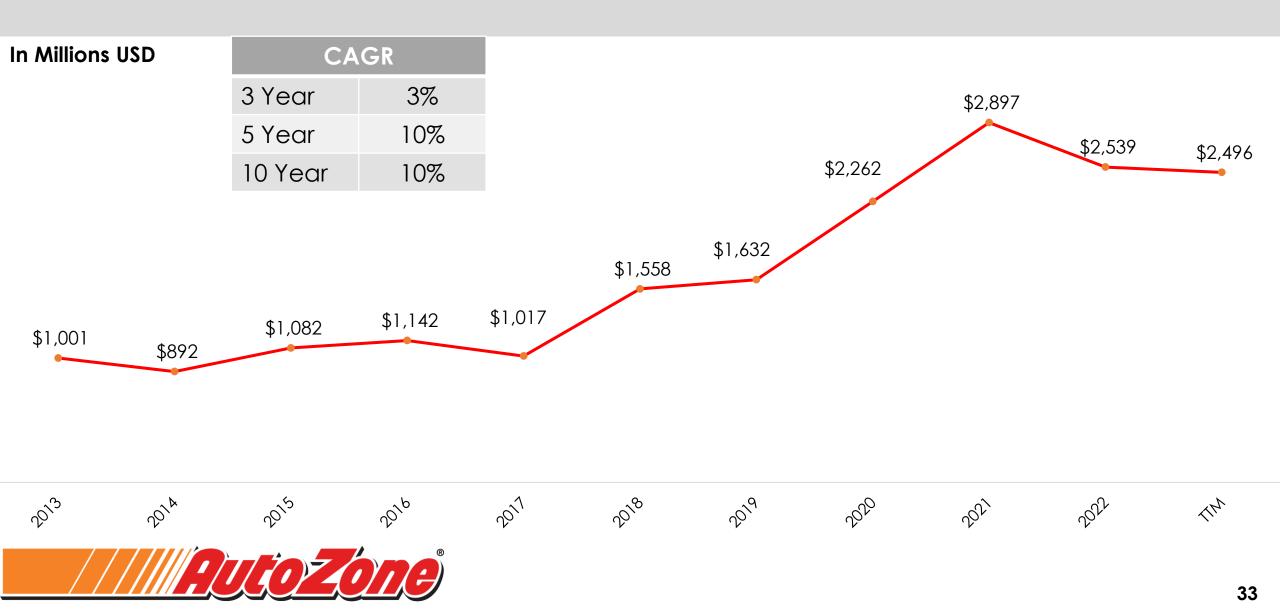
Earnings Per Share



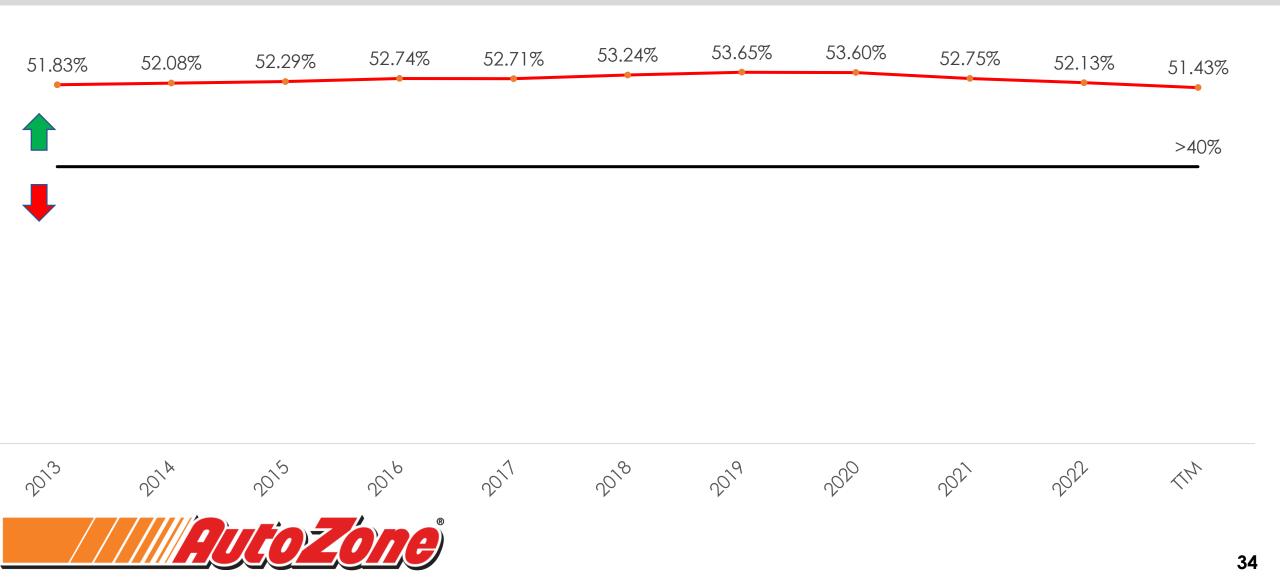
Cash Flow from Operating Income



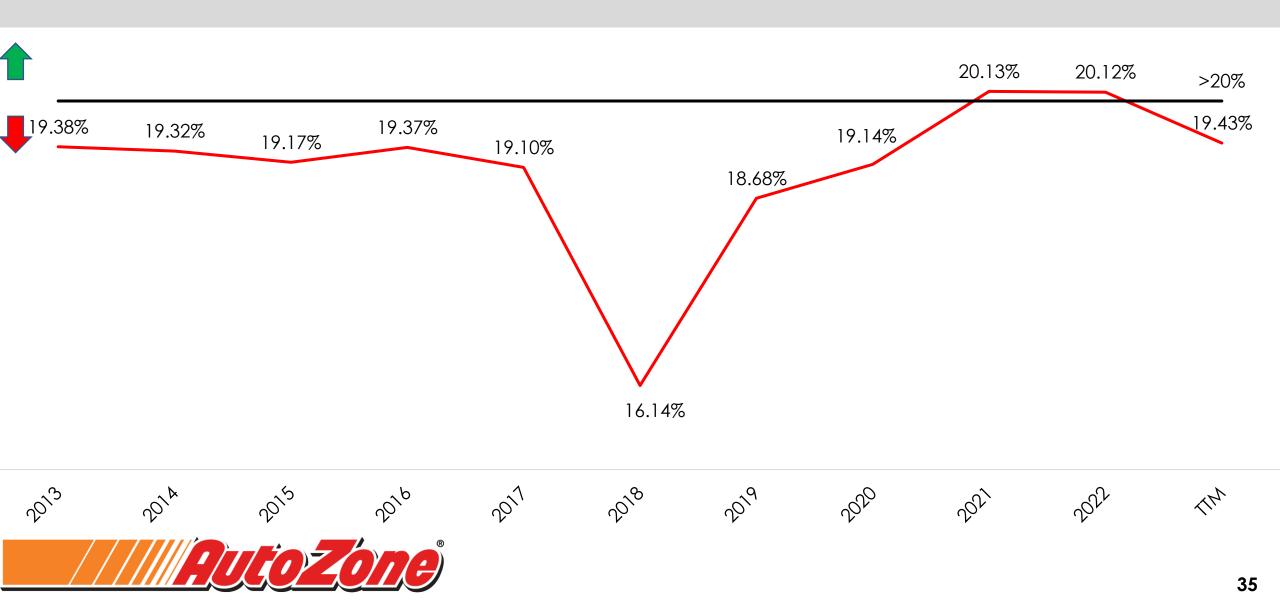
Free Cash Flow



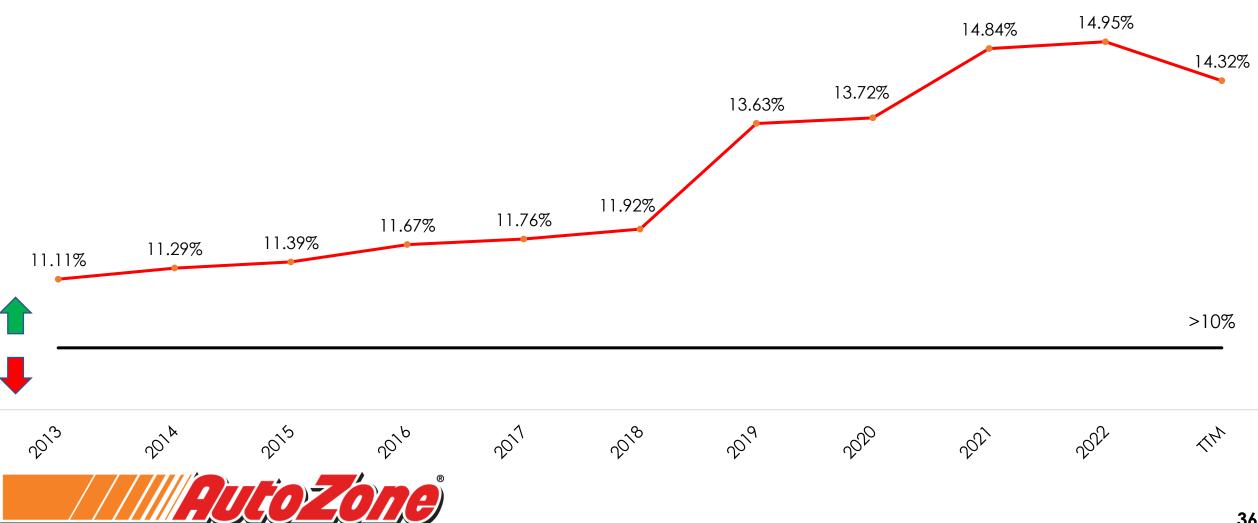
Gross Margin



Operating Margin

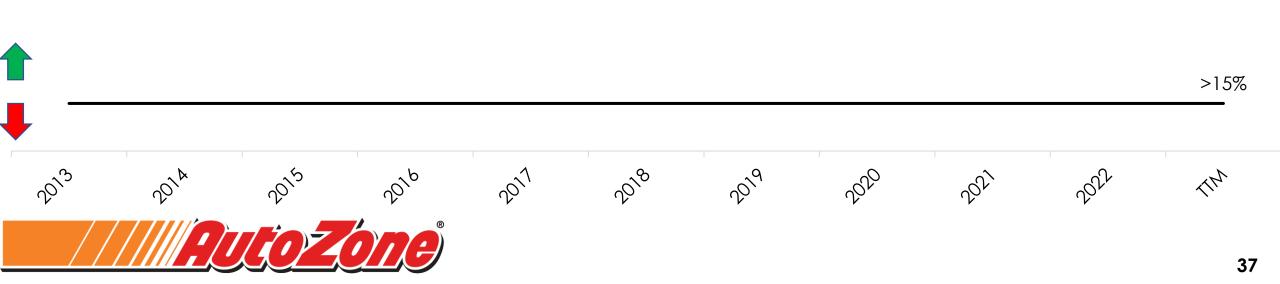


Net Margin



Return on Invested Capital





Obligation Ratio

In Millions USD		
	(+) Long Term Debt	\$7042
	(+) Short Term Debt	0
	(+) Leases*7	\$2854
	(+) Pension Shortfall	0
	(+) Preferred Stock	0
	(-) Cash	\$2496
	Net Income	\$2418

Obligation Ratio = **3.06** years



Debt Maturity Schedule

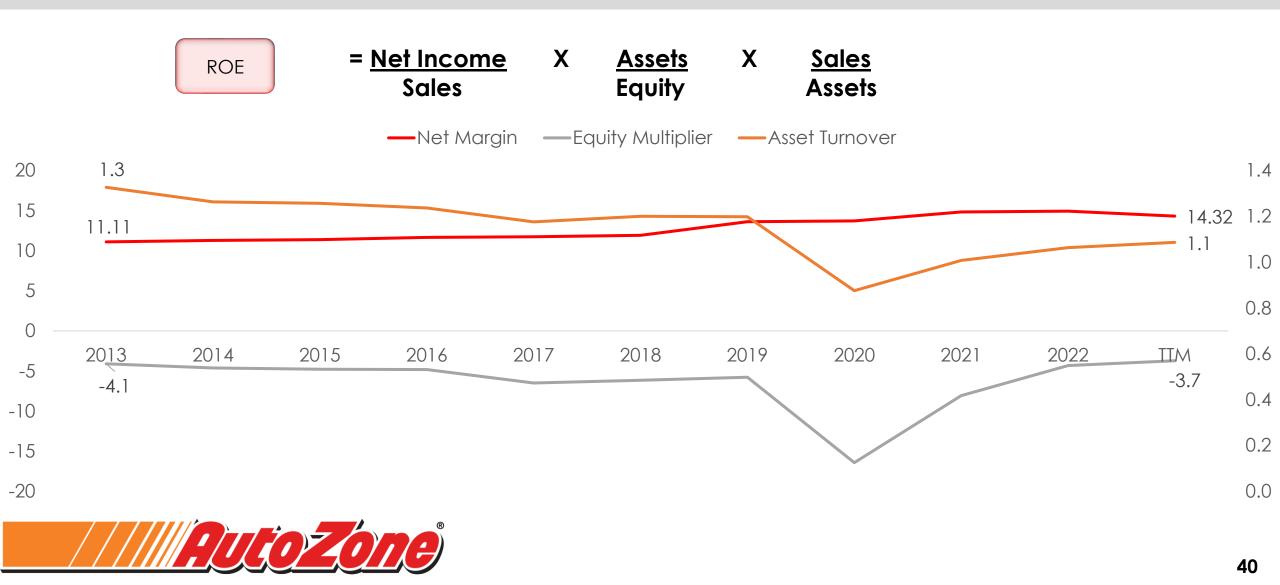
		Total	Payment Due by Period					
(in thousands)	Contractual Obligations		Less than 1 year	Between 1-3 years	Between 3-5 years	Over 5 years		
Debt ⁽¹⁾	\$	6,153,400	\$ 1,403,400	\$ 1,200,000	\$ 1,000,000	\$ 2,550,000		
Interest payments ⁽²⁾	-	1,093,088	187,838		242,300			
Operating leases ⁽³⁾		3,950,359	344,900	733,201	635,840	2,236,418		
Finance leases ⁽³⁾		336,709	94,226	137,509	60,281	44,693		
Self-insurance reserves ⁽⁴⁾		262,347	88,655	80,608	34,922	58,162		
Construction commitments		91,526	91,526	_	_	_		
	\$ 1	1 887 429	\$ 2 210 545	\$ 2,477,743	\$ 1 973 343	\$ 5 225 798		



\$2,496 million in free cash flow in 2022



Dupont Analysis





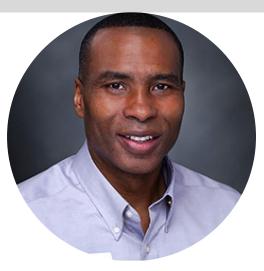


Management & Capital Allocation

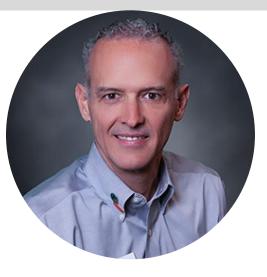
Michael Resendez



Management



William C. Rhodes, III President and CEO Jamere Jackson Executive VP, Finance and **Store Development**



Philip B. Daniele CFO, Executive VP, Supply Chain and Marketing, Merchandising



Thomas B. Newbern Executive VP, Store Operations, International, Information Systems, Loss Prevention

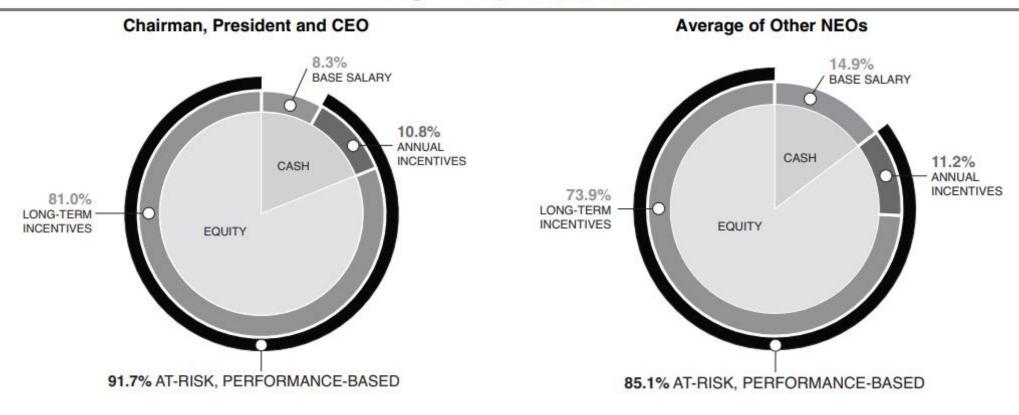
Tenure: 18 years

Tenure: 3 years

Tenure: 2 years

Tenure: 8 years

Management Compensation



Target Compensation Mix



Compensation Structure



AutoZone FY22 Annual Incentive Plan Payout Matrix										
	EBIT \$	2,308.6 \$					2,914.7 \$		3,174.4 \$	3,292.2
	(MMs)	80 %	85 %	90 %	95 %	100 %	101 %	105 %	110 %	115 %
	43.65 %	_	_	50 %	72 %	94 %	98 %	116 %	138 %	155 %
	44.15 %	_	—	52 %	74 %	96 %	100 %	118 %	139 %	157 %
	44.65 %	_	_	53 %	75 %	97 %	102 %	119 %	141 %	159 %
	45.15 %	—	—	55 %	77 %	99 %	103 %	121 %	143 %	161 %
	45.65 %	—		56 %	78 %	100 %	105 %	123 %	145 %	163 %
	46.15 %	—	—	58 %	80 %	100 %	107 %	125 %	147 %	165 %
	46.65 %	—	—	59 %	82 %	100 %	108 %	126 %	148 %	167 %
	47.15 %	—	—	61 %	83 %	100 %	110 %	128 %	150 %	168 %
	47.65 %	—	—	62 %	84 %	100 %	111 %	129 %	152 %	170 %
	48.15 %	—	—	63 %	86 %	100 %	113 %	131 %	153 %	172 %
ROIC	48.65 %	—	—	65 %	87 %	100 %	114 %	132 %	155 %	173 %
2 2 2	49.15 %	—	—	66 %	89 %	100 %	116 %	134 %	157 %	175 %
	49.65 %	—	—	67 %	90 %	100 %	117 %	135 %	158 %	177 %
	50.15 %	—	—	69 %	91 %	100 %	119 %	137 %	160 %	178 %
	50.65 %	—	—	70 %	93 %	100 %	120 %	138 %	161 %	180 %
	51.15 %	—	—	71 %	94 %	100 %	121 %	140 %	162 %	181 %
	51.65 %	—	—	72 %	95 %	100 %	123 %	141 %	164 %	183 %
	52.15 %	—	—	73 %	96 %	100 %	124 %	142 %	165 %	184 %
	52.65 %	—	—	74 %	97 %	100 %	125 %	144 %	167 %	185 %
	53.15 %	—	—	76 %	99 %	100 %	126 %	145 %	168 %	187 %
	53.65 %	—	—	77 %	100 %	100 %	128 %	146 %	169 %	188 %
	54.15 %	—	—	78 %	100 %	100 %	129 %	147 %	171 %	189 %
	54.65 %	—	—	79 %	100 %	100 %	130 %	149 %	172 %	191 %
	54.93 %	—	—	79 %	100 %	100 %	131 %	149 %	172 %	192 %

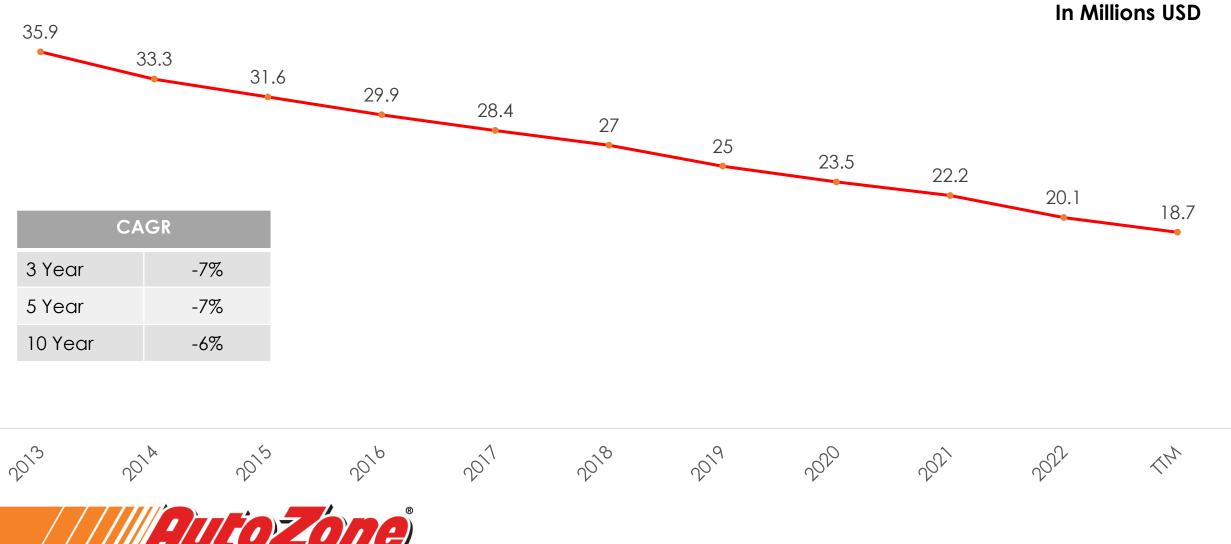
Long-Term Incentives

Vest in long term

7-10 year performance

Long-Term stock options

Shares Outstanding

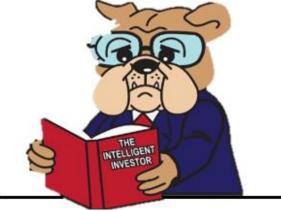


Repurchase of Stock

In Millions USD





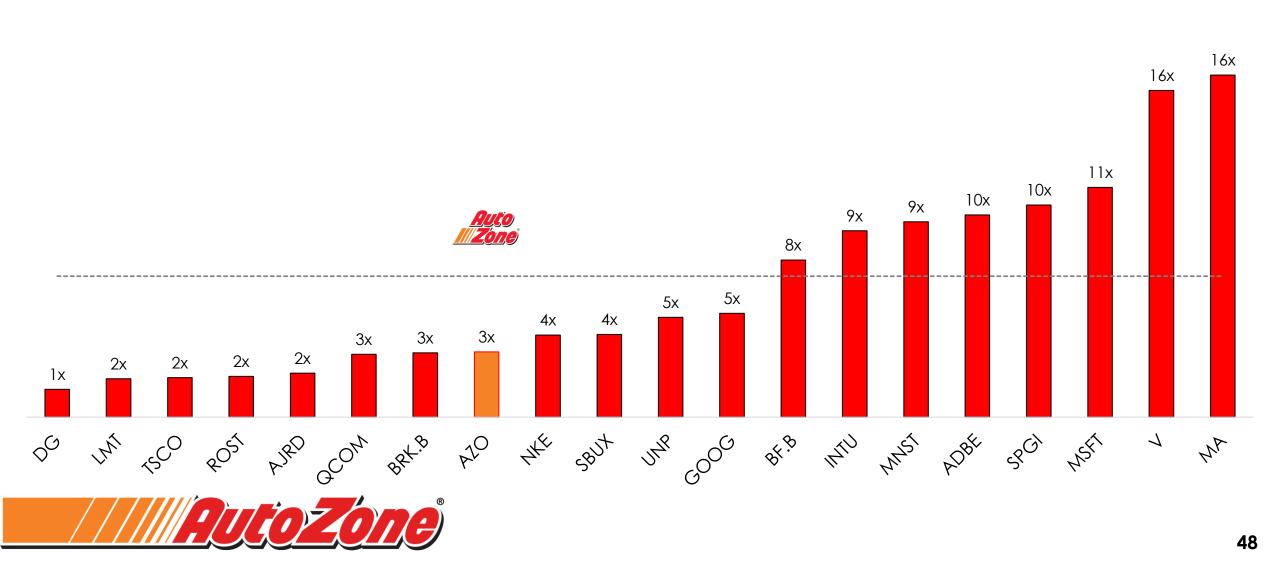


Value Bands & Intraportfolio Analysis

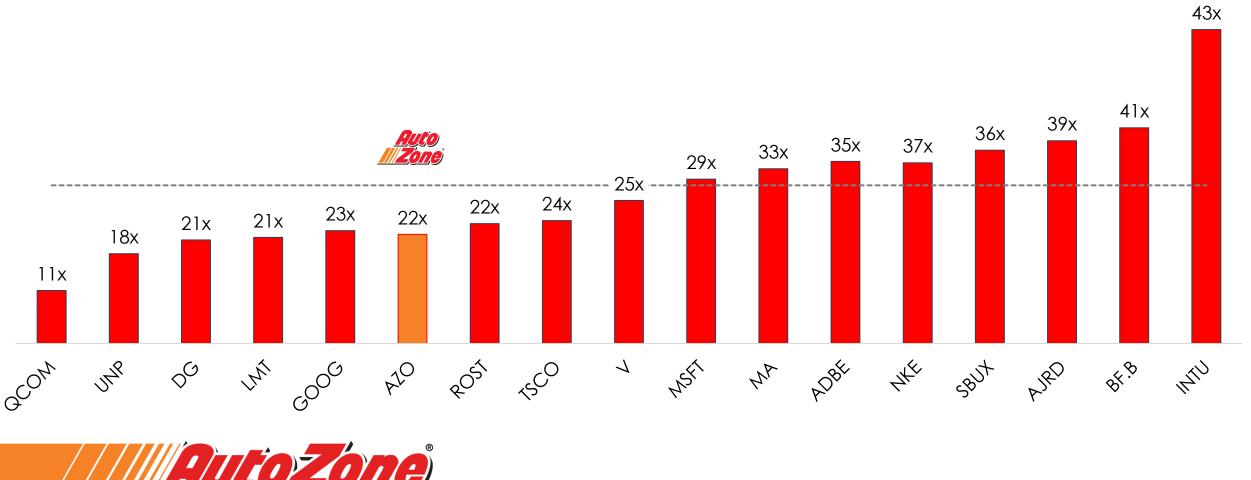
Joaquin Rodriguez



Price to Sales



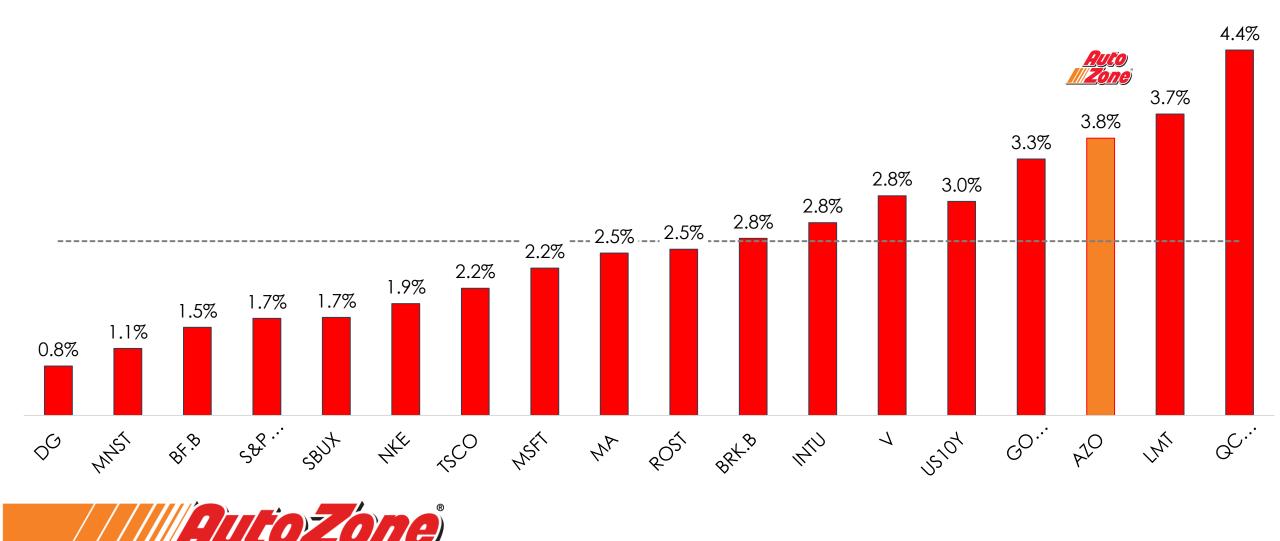
Price to Earnings



Price to Free Cash Flow

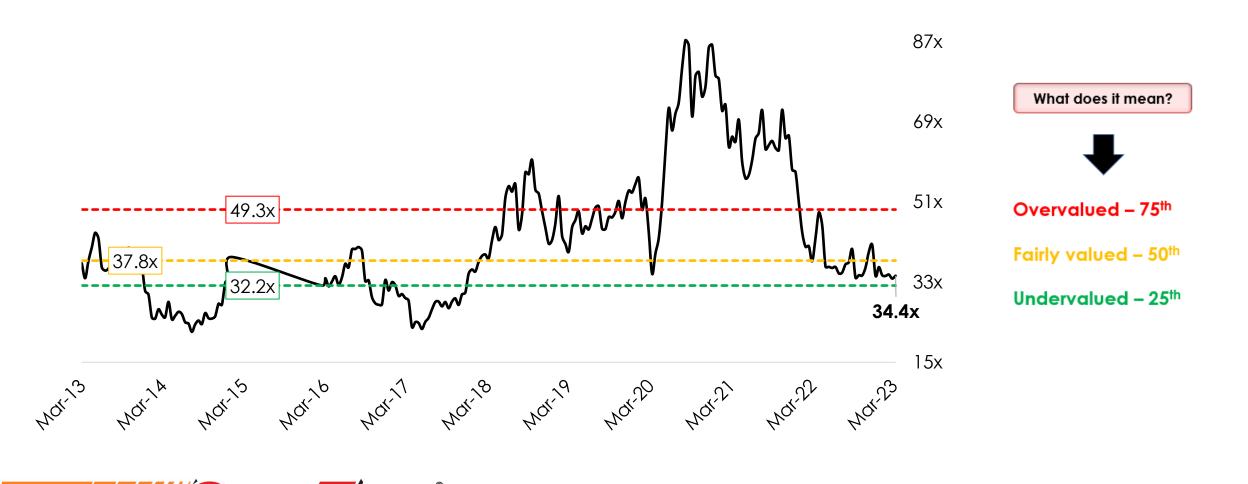


Free Cash Flow Yield

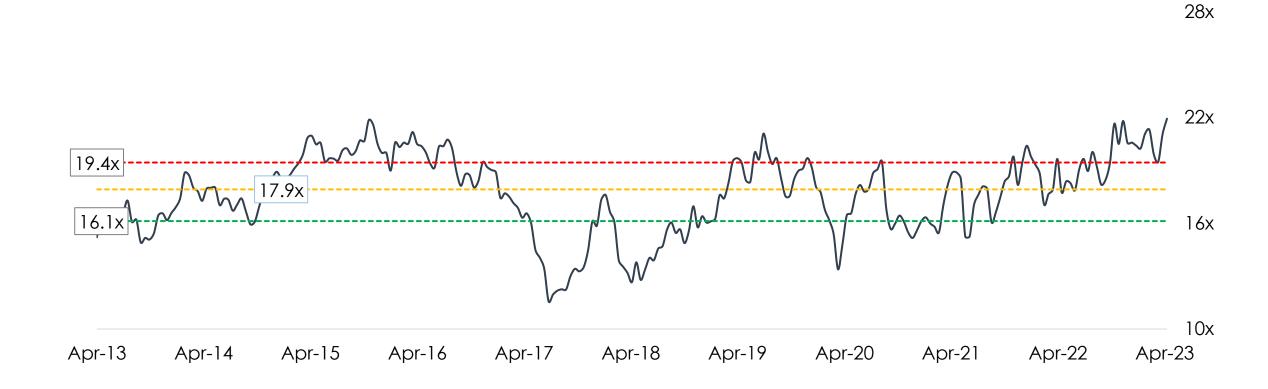


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Value Bands

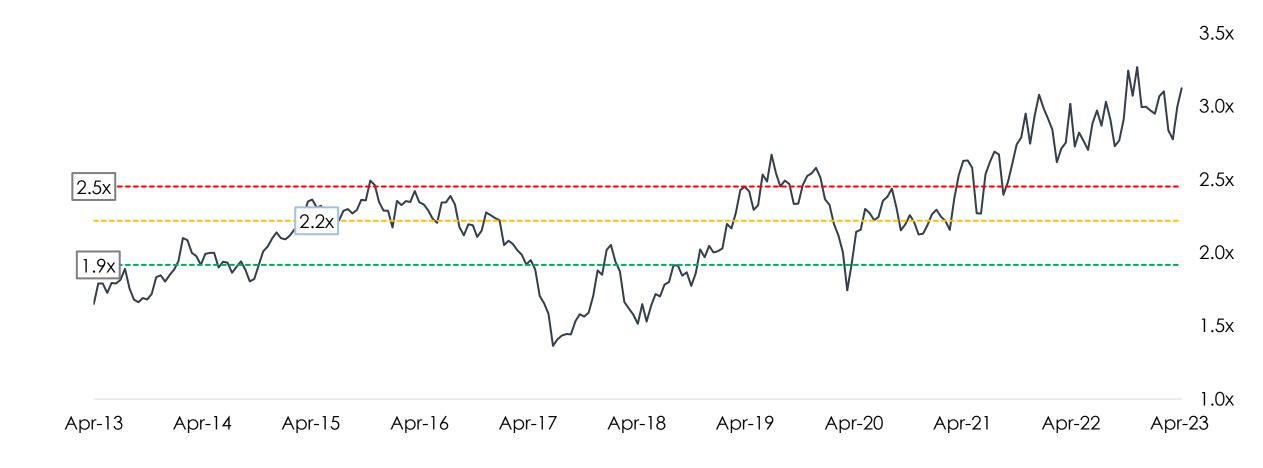


Price to Earnings



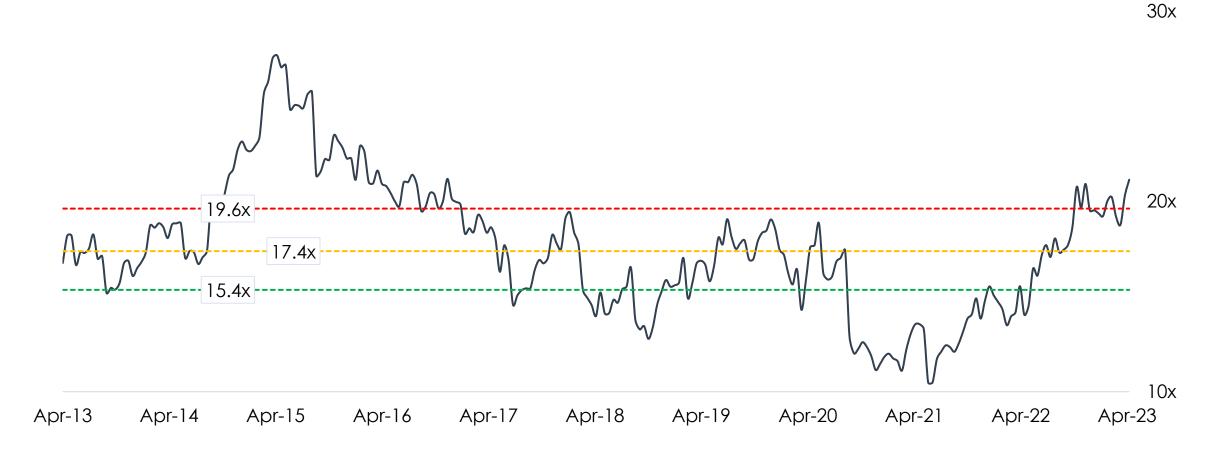


Price to Sales



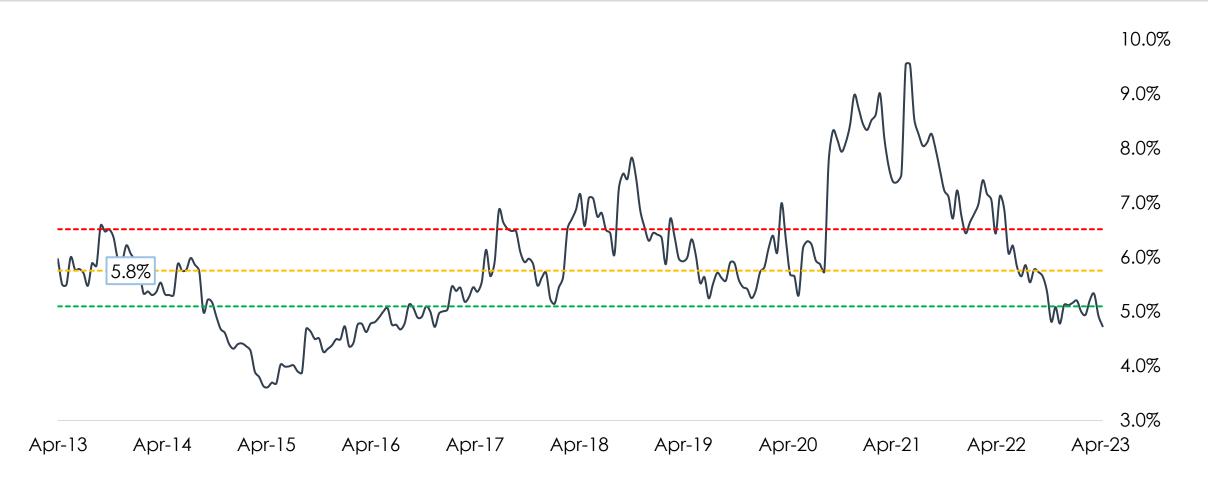


Price to Free Cash Flow





Free Cash Flow Yield











Competitor Analysis

Jenna



Competitors

Advance Auto Parts L





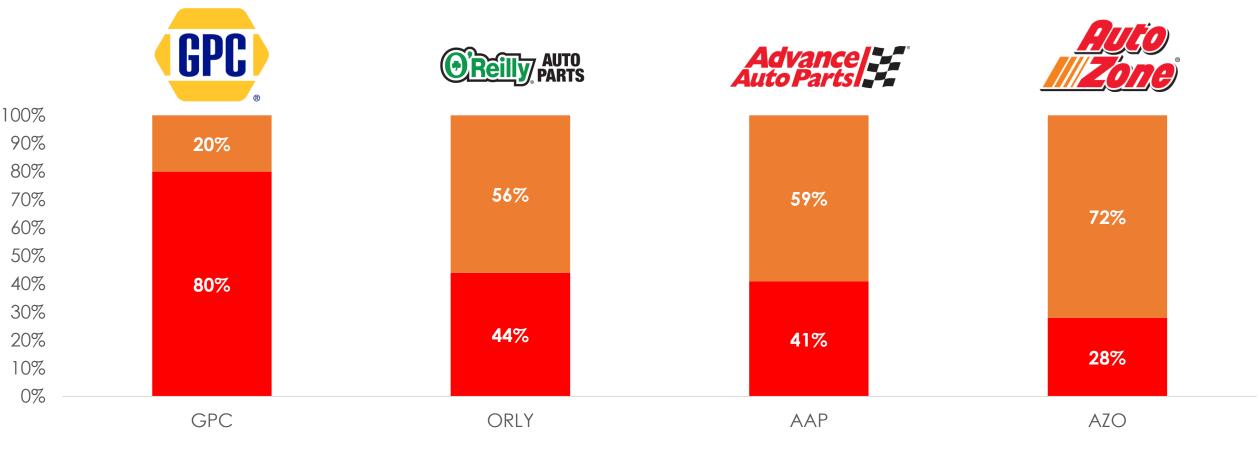


Revenue





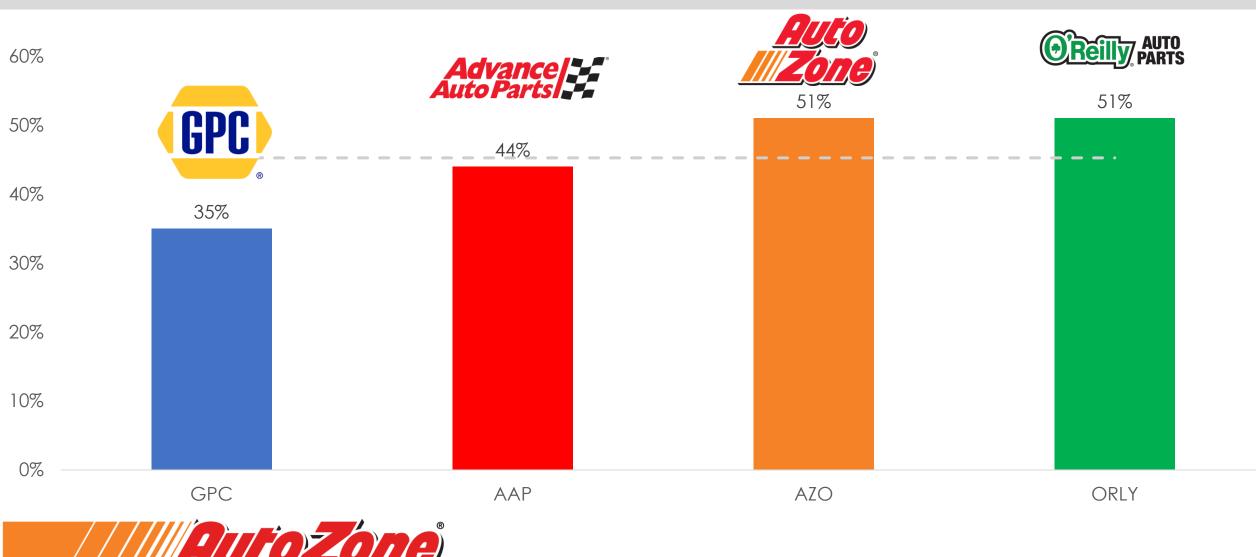
DIY vs Commercial/ Professional



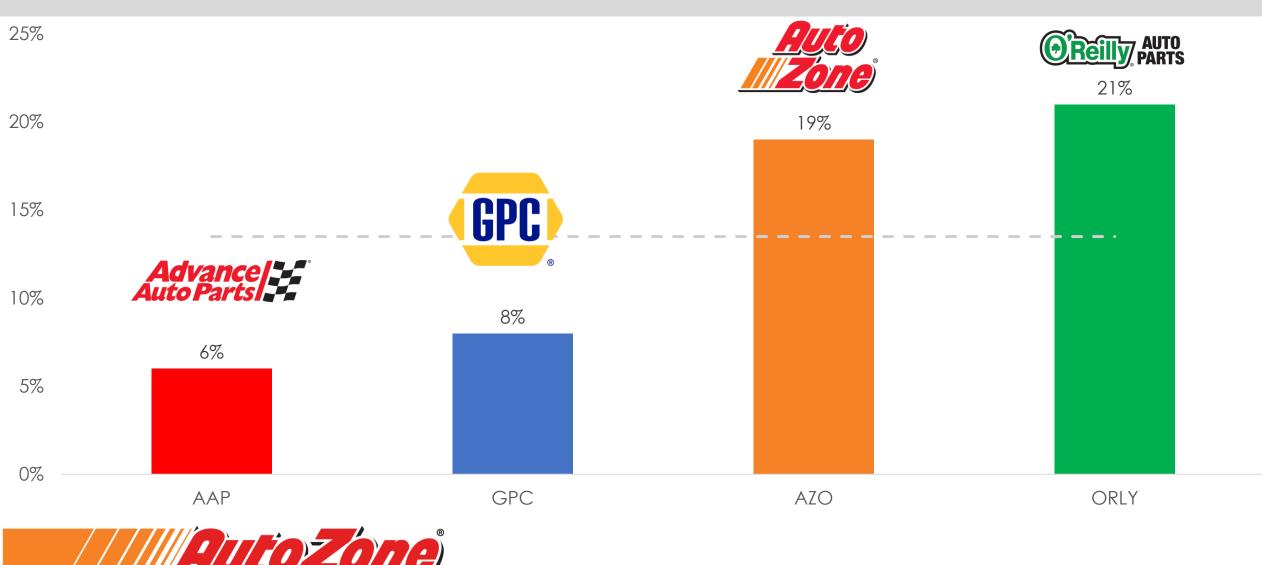
DIFM DIY



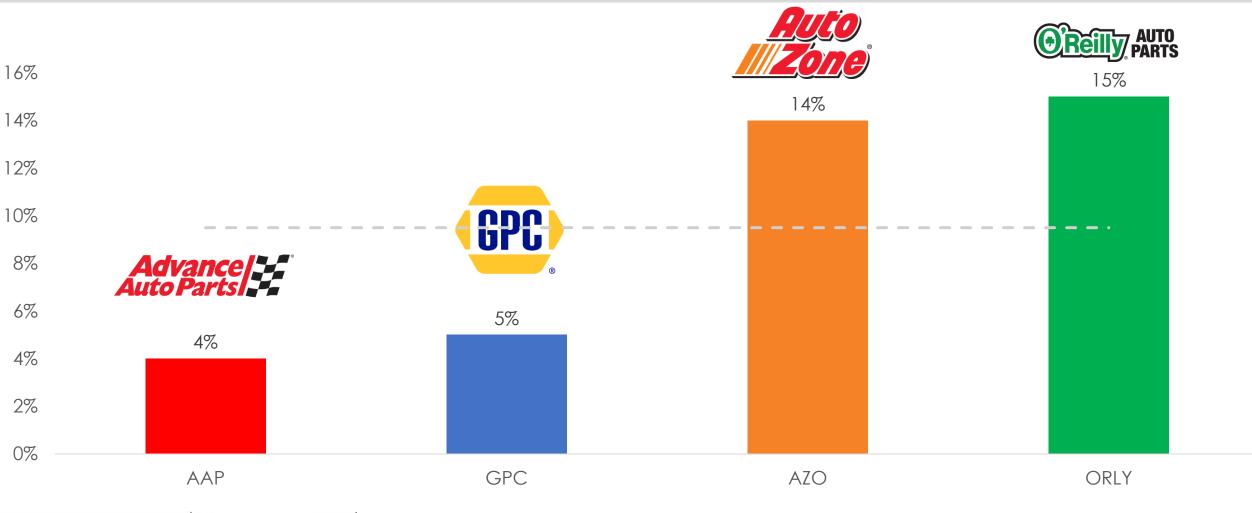
Gross Margin



Operating Margin

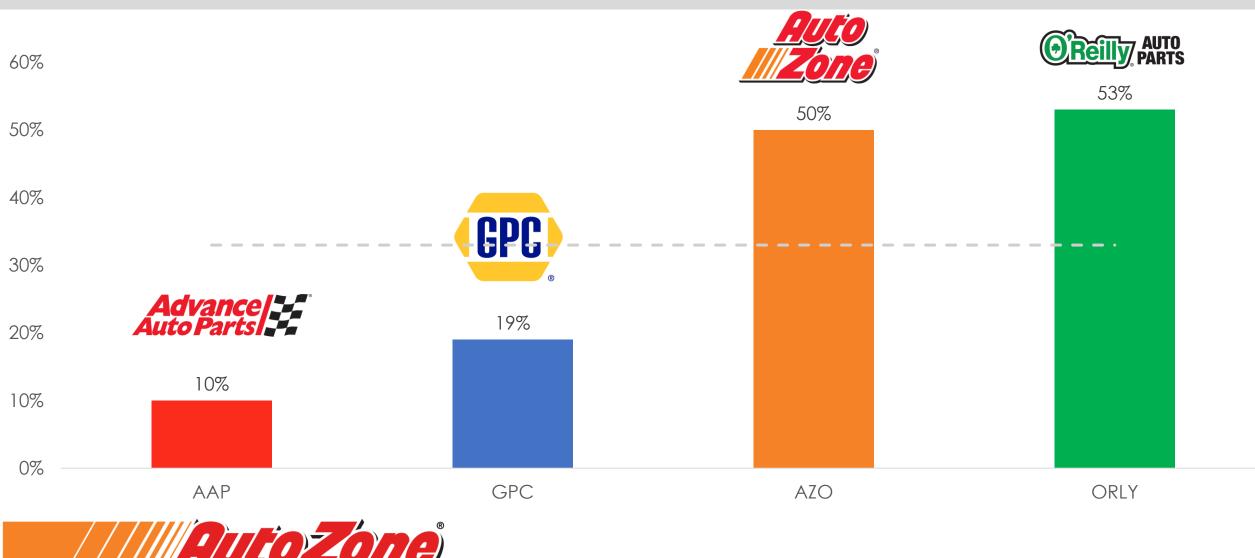


Net Margin

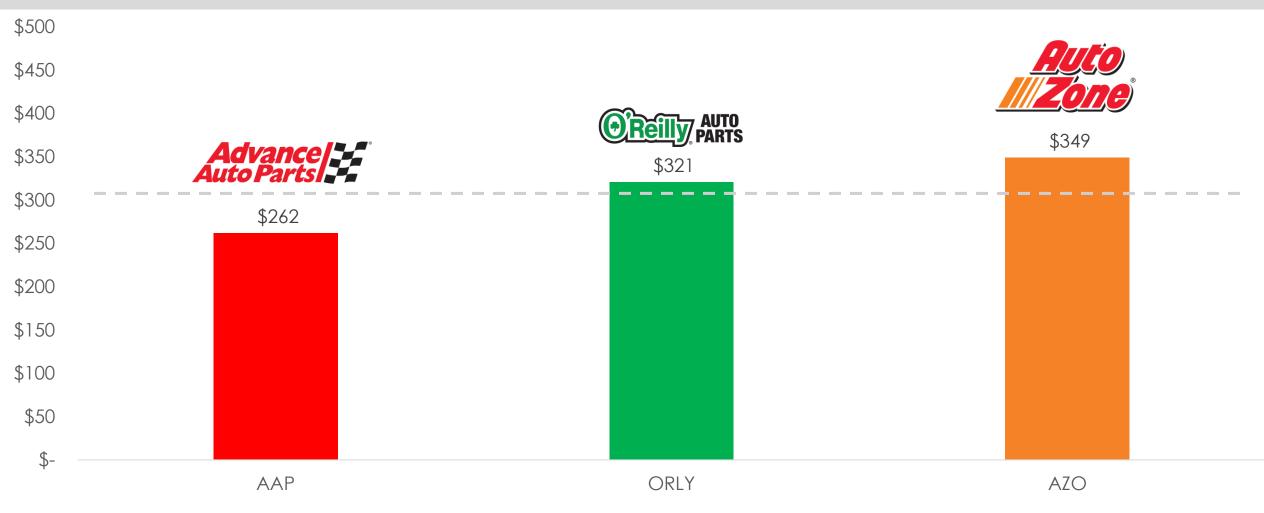




Return on Capital Employed

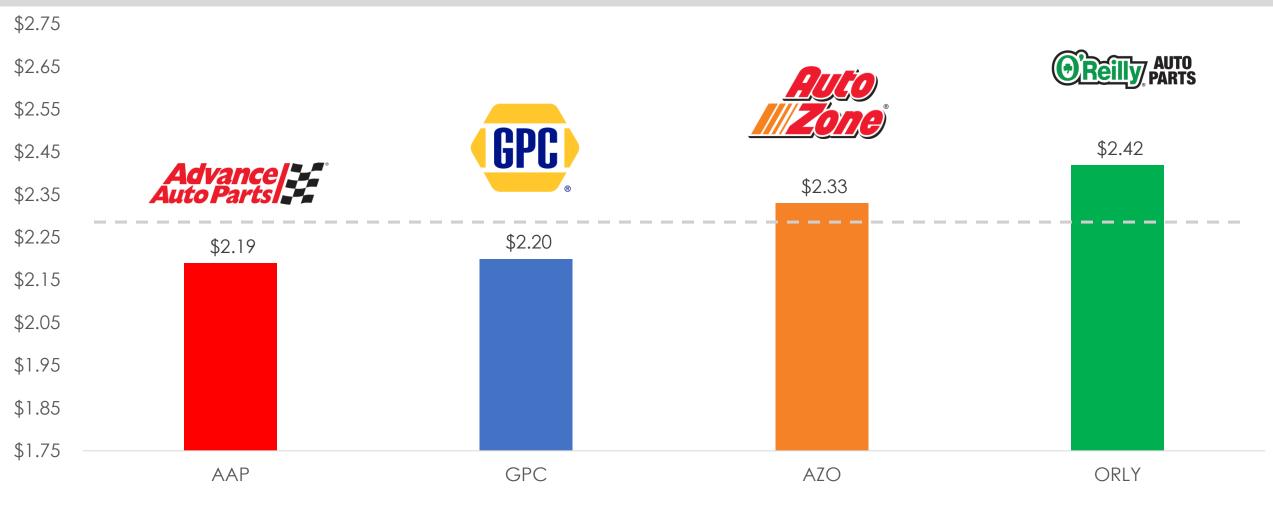


Sales per Store (thousands)



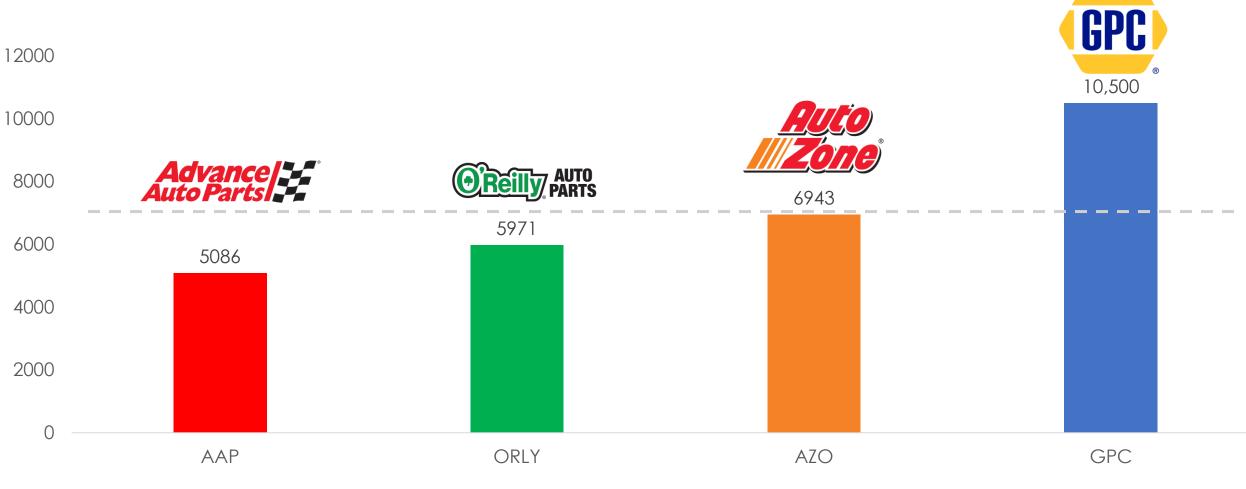


Sales Per Square Foot



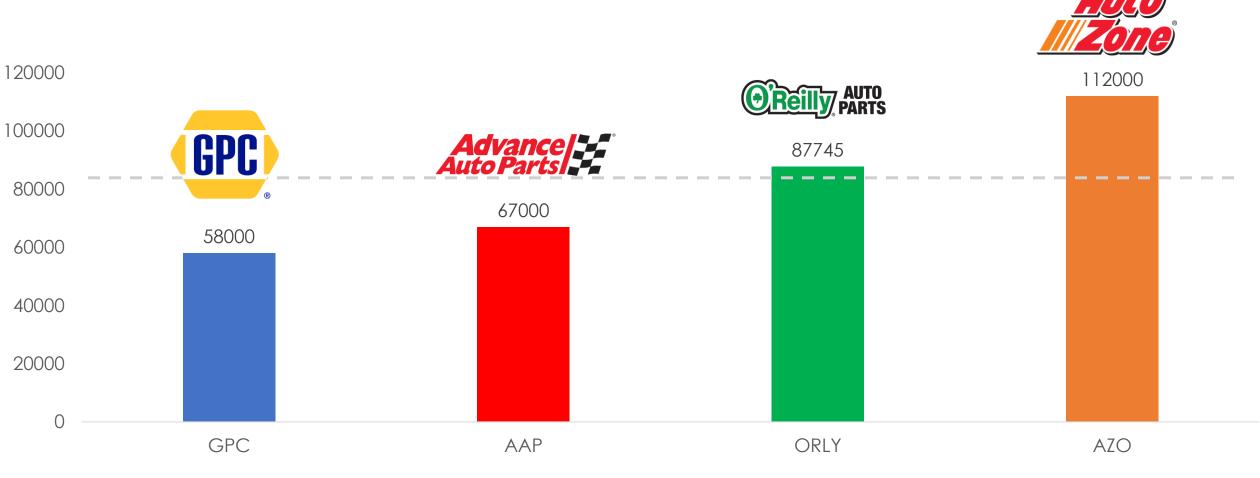


Store Count



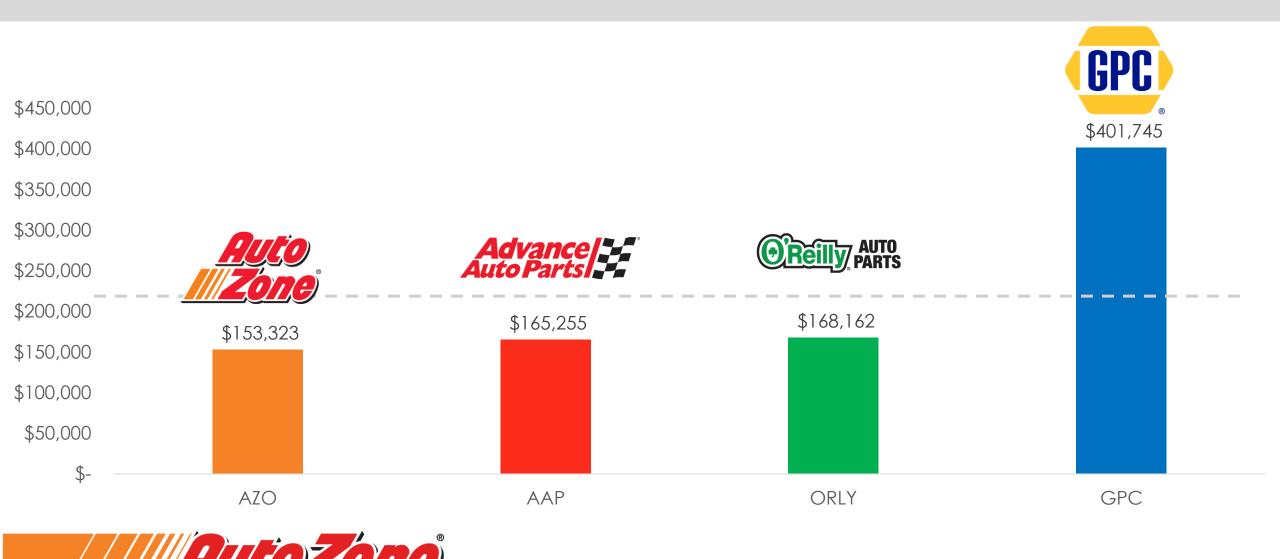


Total Number of Employees

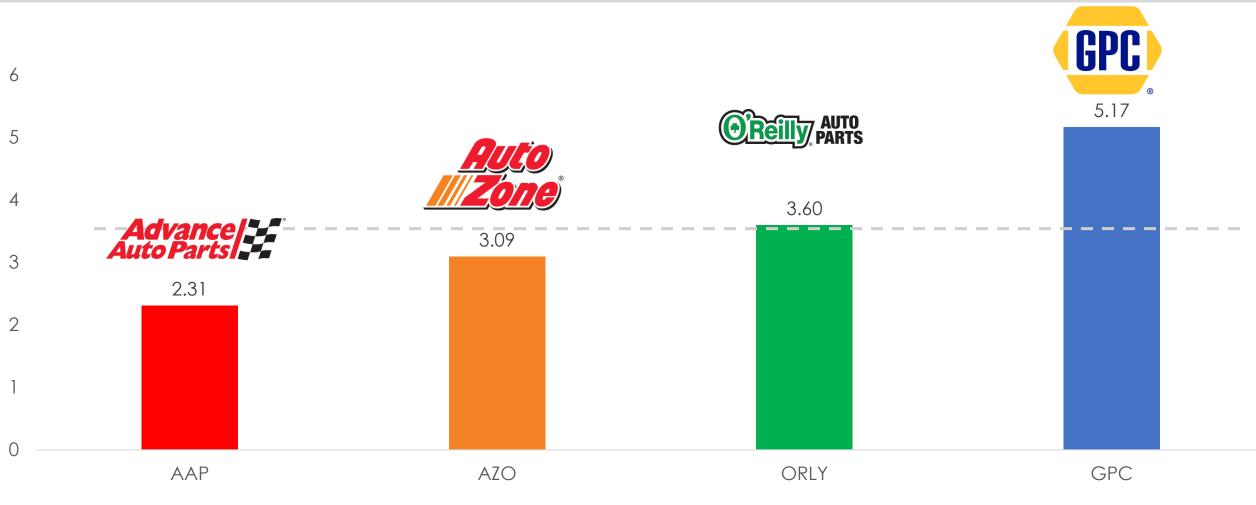




Sales per Employee

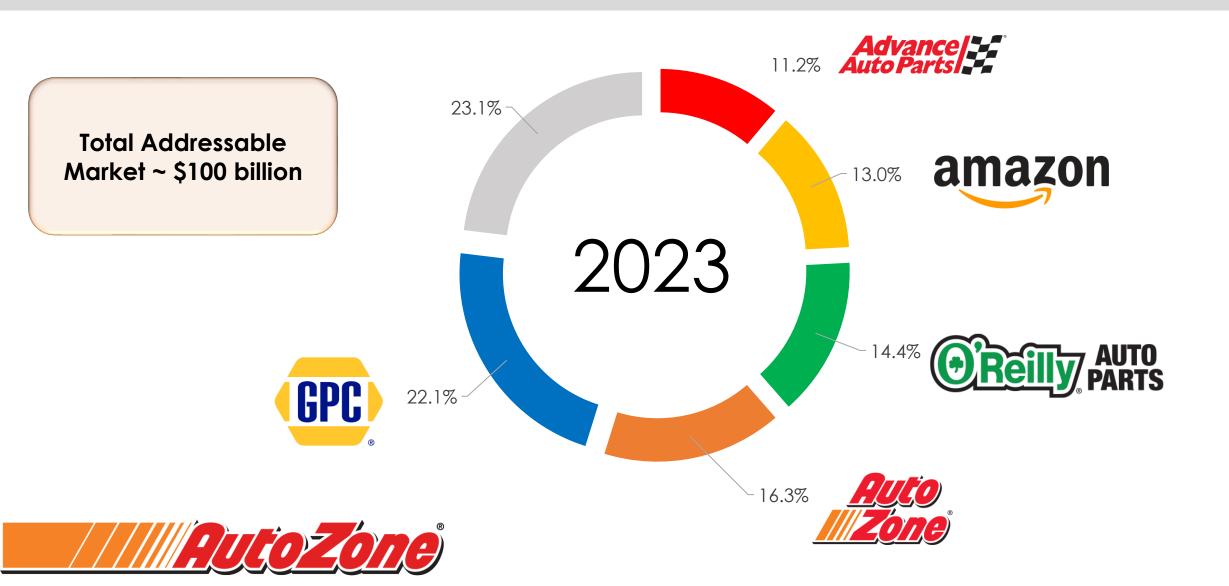


Inventory Turnover





Market Share - 2023







Risk Factors

Zac Nguyen



Risk Factors

Mass retail

Increasing complexity of cars

Electric Vehicles





Electric Vehicles





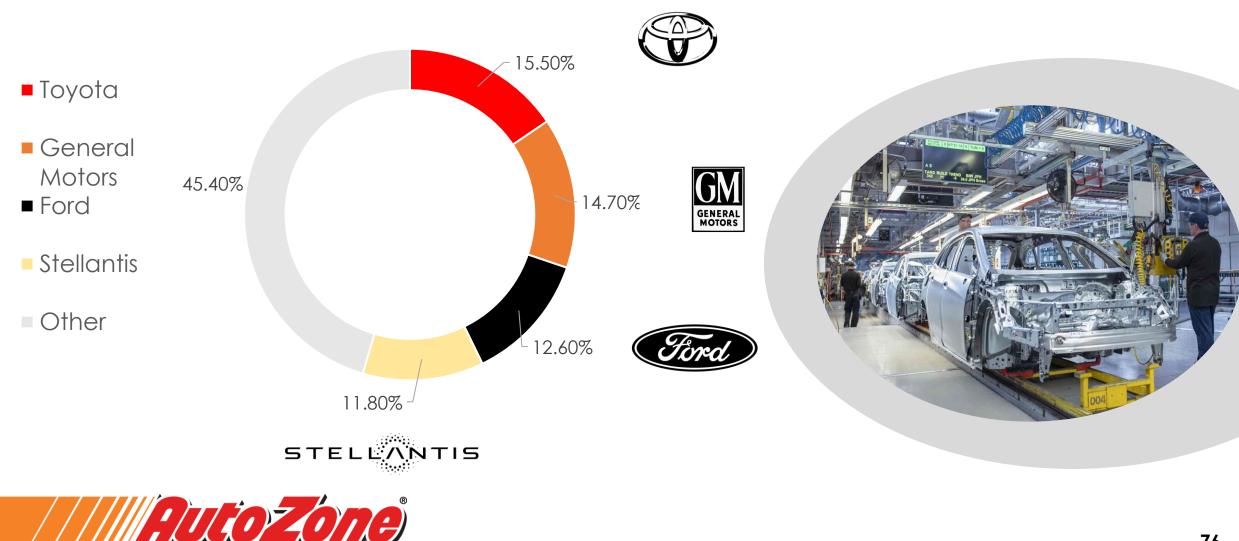




"Overall, Ford expects 40% to 50% of its global vehicle volume to be fully electric by 2030." -Ford "Climate change is real, and we want to be part of the solution by putting everyone in an electric vehicle" – **General Motors** "We are setting the course for 100% of sales in Europe and 50% of sales in the United States to be battery electric vehicles (BEVs) by the end of this decade." -Stellantis "Toyota plans to invest approximately \$70 billion globally in electrified vehicles including HEVs, PHEVs, FCEVs and BEVs." - **Toyota**



United States Car Manufacturers



Electric Vehicles

More Complex = Less DIYers

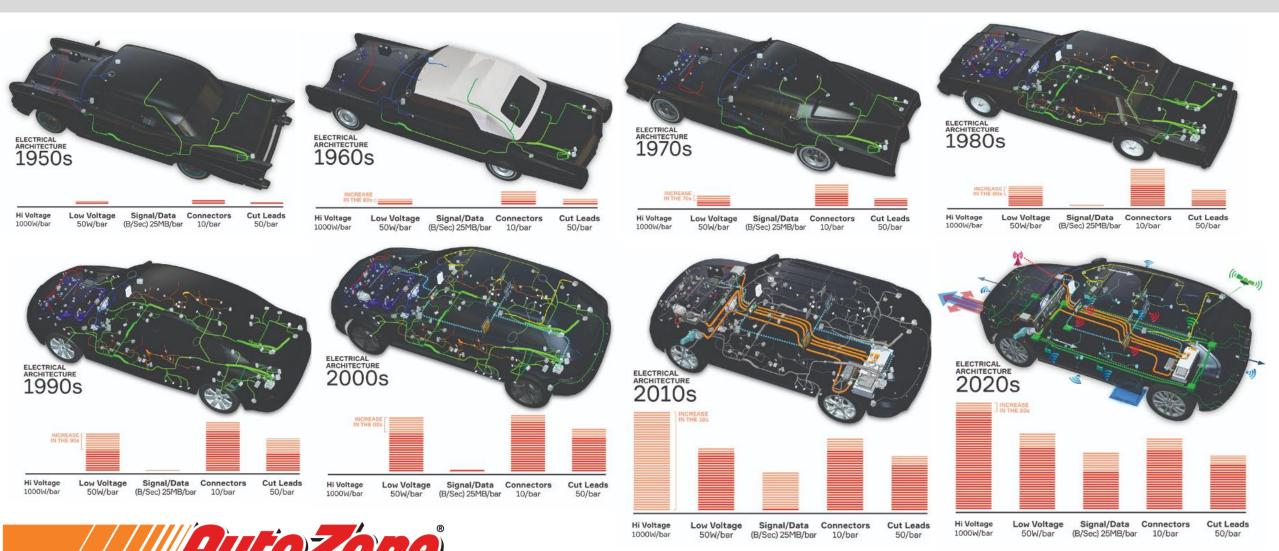
Less frequent repairs

Too complex for most mechanics





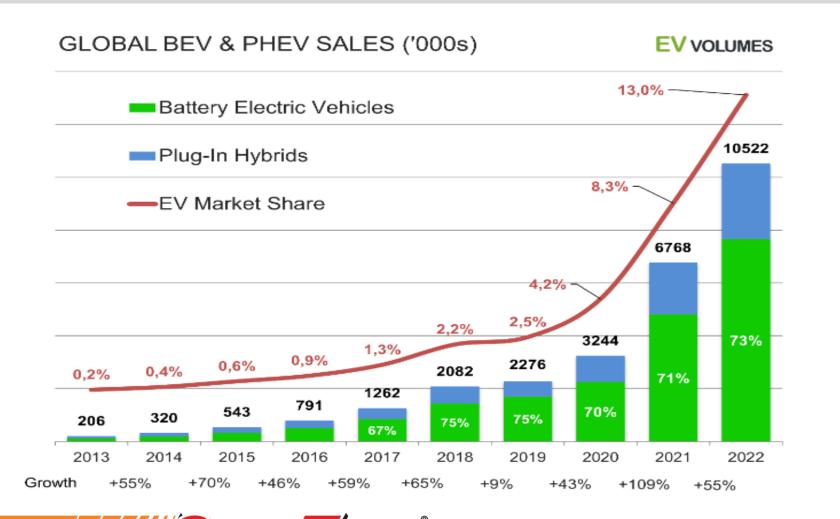
Increasing Complexity of Cars



Increasing Complexity of Cars



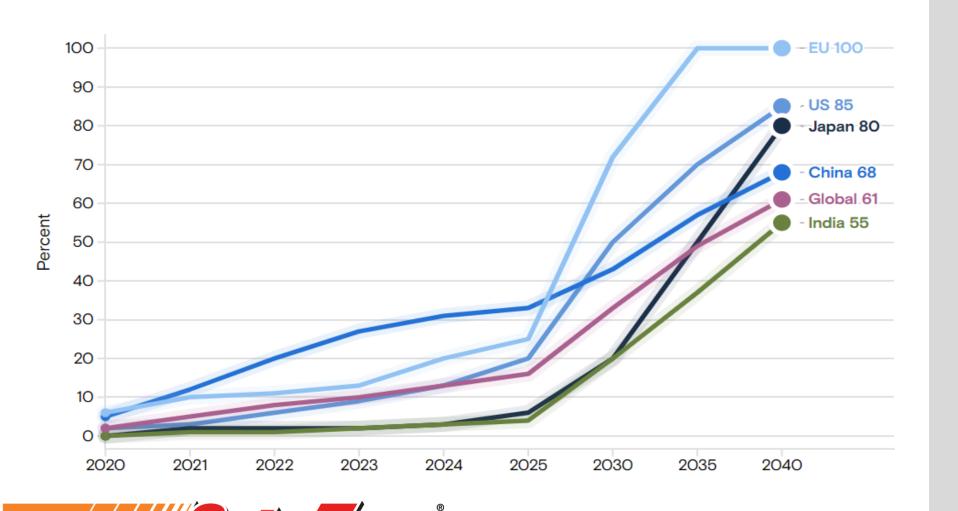
Electric Vehicle Sales



Courtesy of



Electric Vehicles Expected Production %



Courtesy of



Mass Retail

\$1.9 billion in OEM sales 2020

If AutoZone doesn't have the part, there is a good chance Amazon does

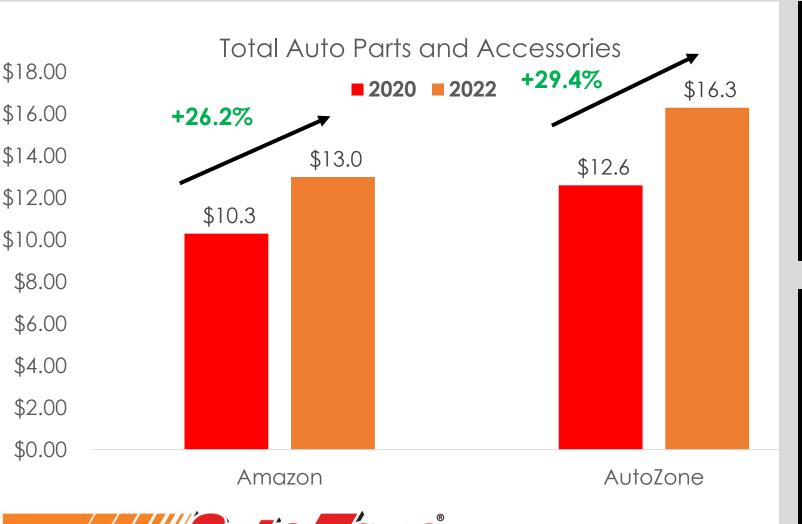
Easy to use





Amazon

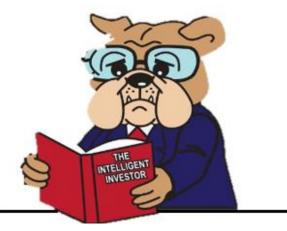
Amazon Auto Parts Sales Growth











Valuation

Logan Arciba



EPS Model Inputs

5 YEARS	BEAR	BASE	BULL
REVENUE GROWTH	2%	4%	6%
SHARE BUYBACKS	4%	4%	4%
EPS Growth	6%	8%	10%



EPS Model

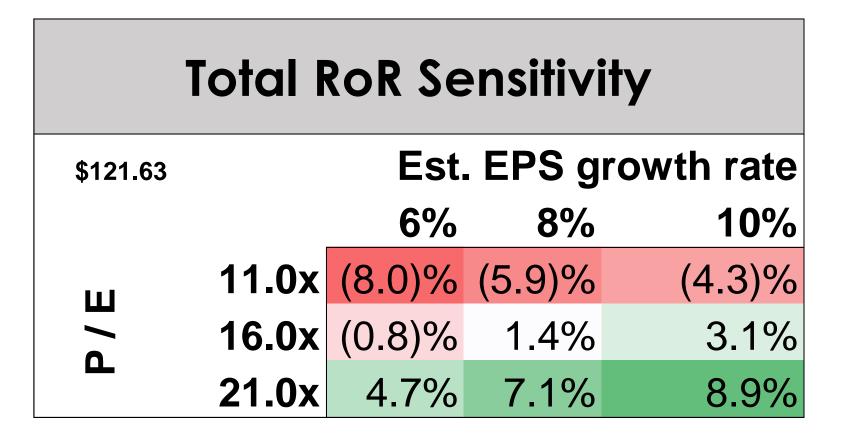
Ticker:	AZO											
Price:	\$2,661.24	5 Year EPS Forecast										
								P/E	Return Price	PV	5 YR Return	Annual Return
		<u>Current</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	11.0x	\$1,756.67	\$1,090.75	(34.0)%	(8.0)%
Bear	EPS	\$121.63	\$128.93	\$136.66	\$144.86	\$153.56	\$159.70	16.0x	\$2,555.16	\$1,586.55	(4.0)%	(0.8)%
			6%	6%	6%	6%	4%	21.0x	\$3,353.64	\$2,082.35	26.0%	4.7%
		<u>Current</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	11.0x	\$1,965.69	\$1,220.54	(26.1)%	(5.9)%
Base	EPS	\$121.63	\$132.58	\$143.18	\$154.64	\$167.01	\$178.70	16.0x	\$2,859.18	\$1,775.33	7.4%	1.4%
			9%	8%	8%	8%	7%	21.0x	\$3,752.68	\$2,330.12	41.0%	7.1%
		<u>Current</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	11.0x	\$2,135.16	\$1,325.77	(19.8)%	(4.3)%
Bull	EPS	\$121.63	\$133.79	\$147.17	\$161.89	\$178.08	\$194.11	16.0x	\$3,105.69	\$1,928.39	16.7%	3.1%
			10%	10%	10%	10%	9%	21.0x	\$4,076.22	\$2,531.01	53.2%	8.9%

tozone

Discount rate:

10%

Sensitivity Analysis



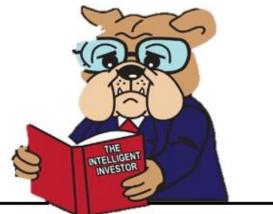


Margin of Safety

	Bear	Base	Bull
Present Value	\$1,587	\$1,775	\$1,928
Margin of Safety	-40 %	-33%	-27%







Conclusion

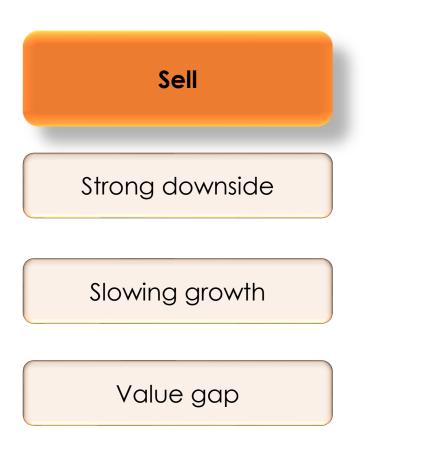
Dylan Swanson



Concluding Thoughts



Suggestion

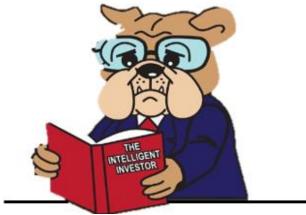










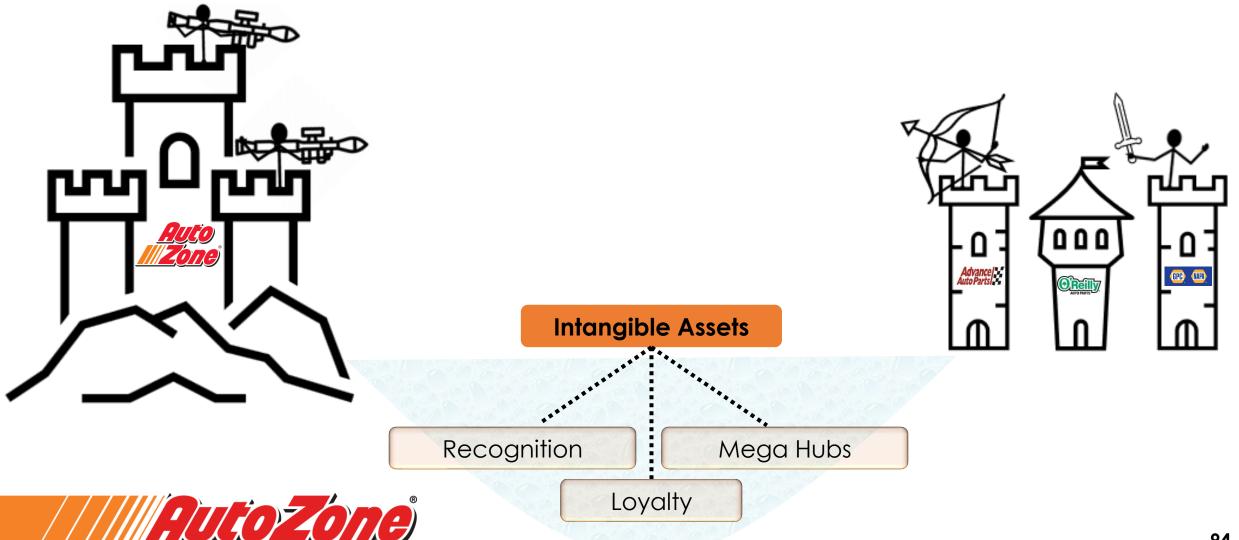


Economic Moat

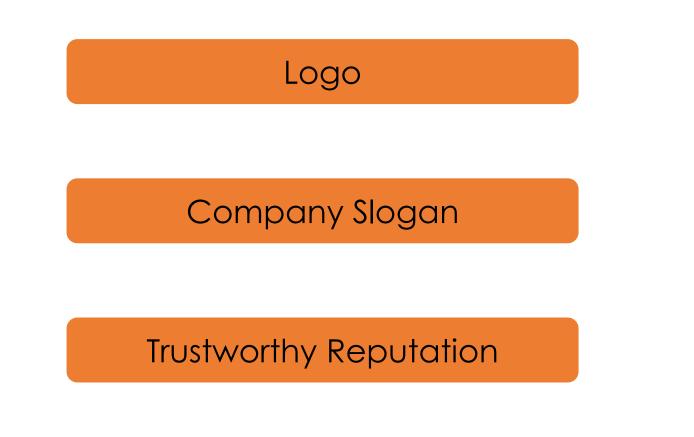
Michael Resendez and Ethan Sanchez

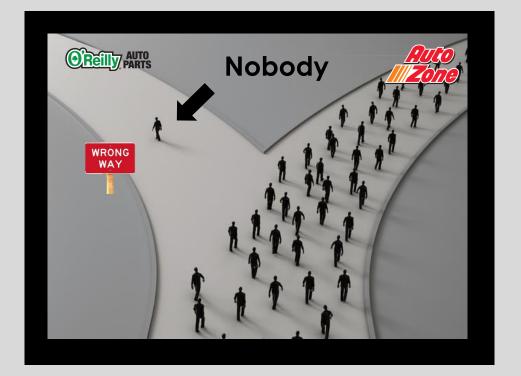


Intangible Assets



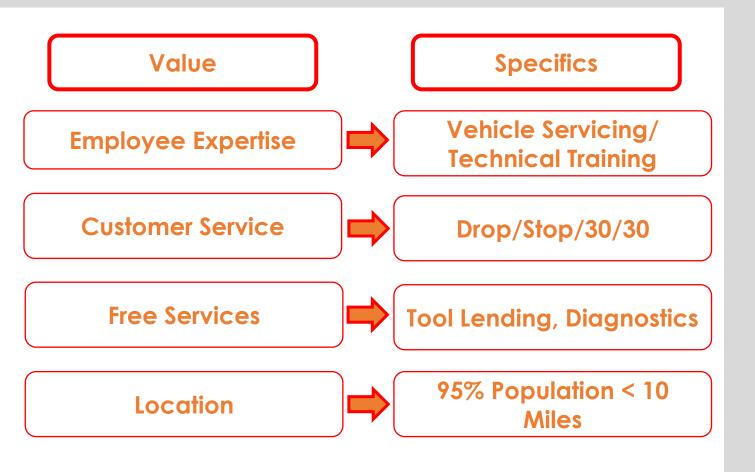
Brand Recognition







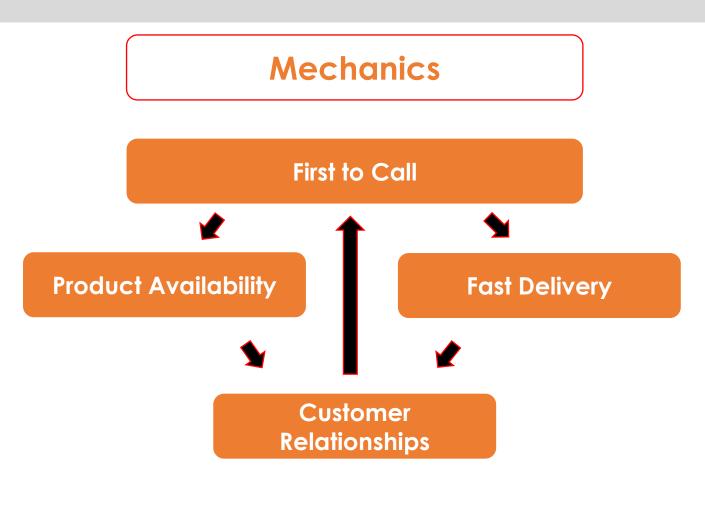
Brand Loyalty







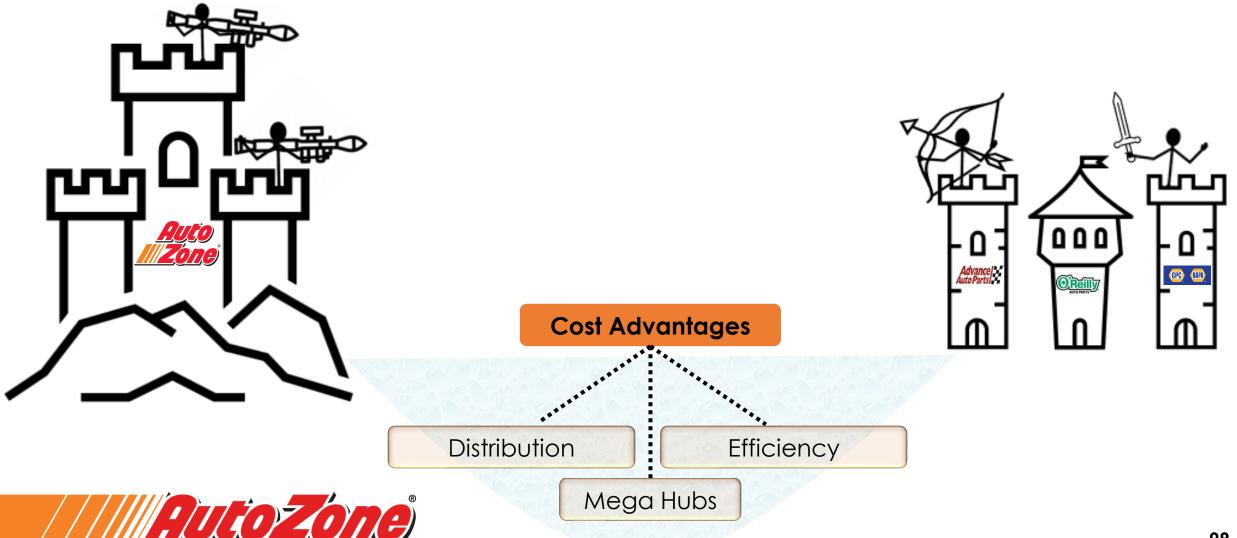
Mega Hubs







Cost Advantages



Efficiency

Strategically located

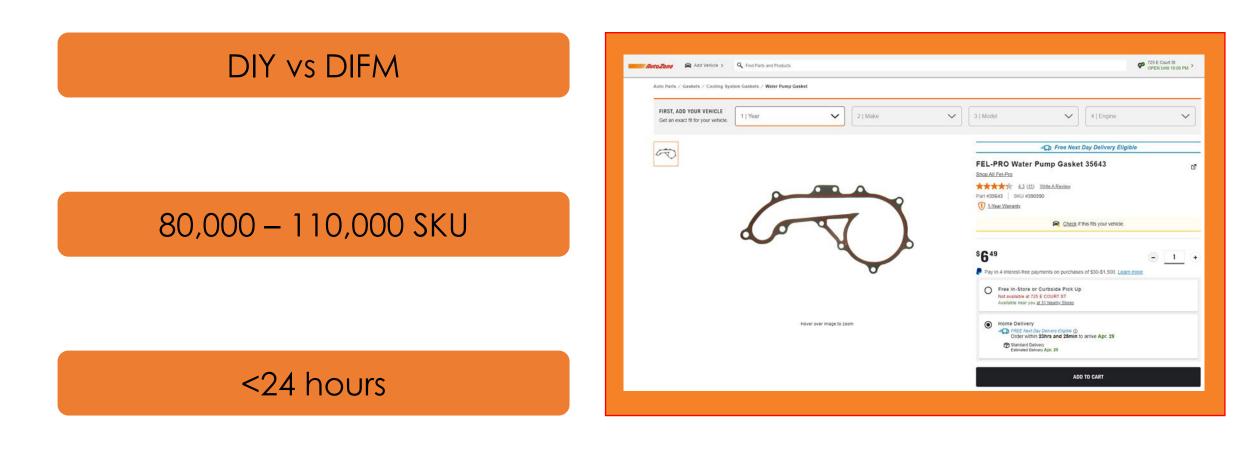
90% of stores have access

Saves time and money



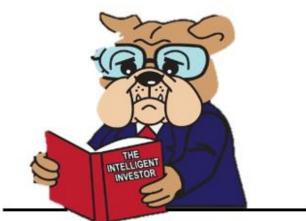


Distribution









Growth Opportunities

Pablo Samanez



Growth Opportunities

Market Growth

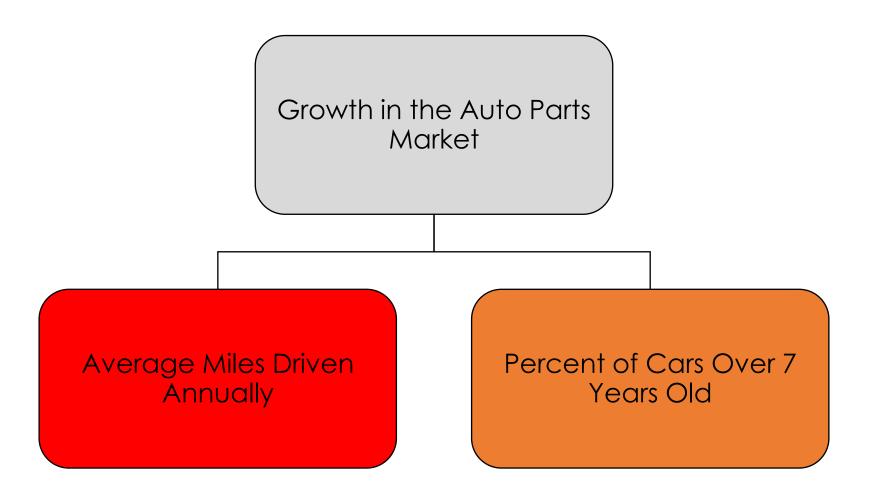
Commercial Growth

Expansion in International Markets



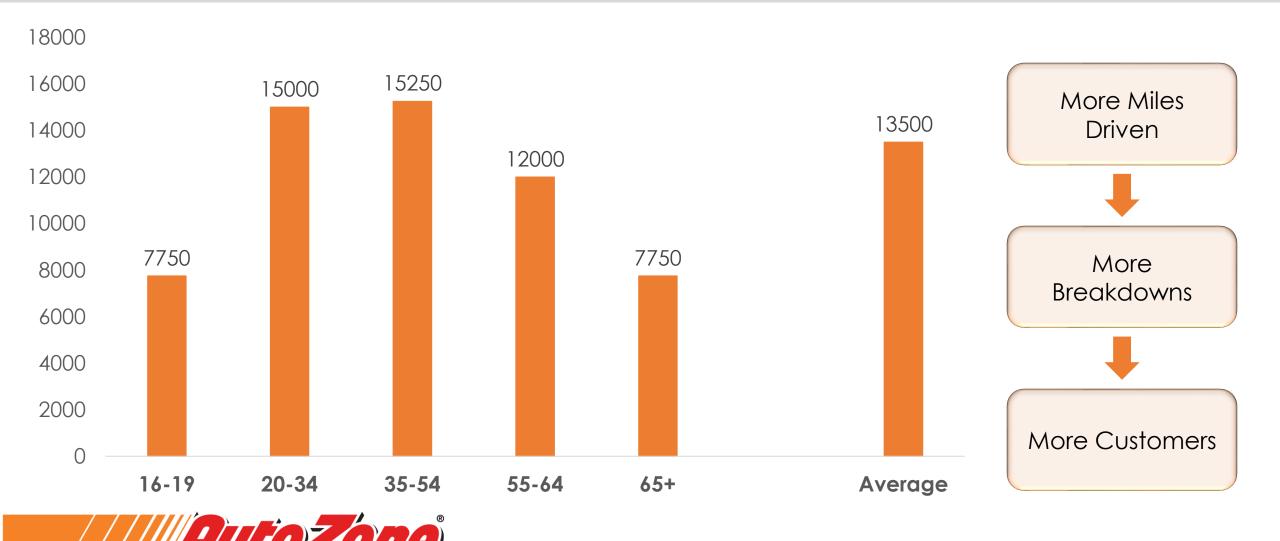


Market Growth



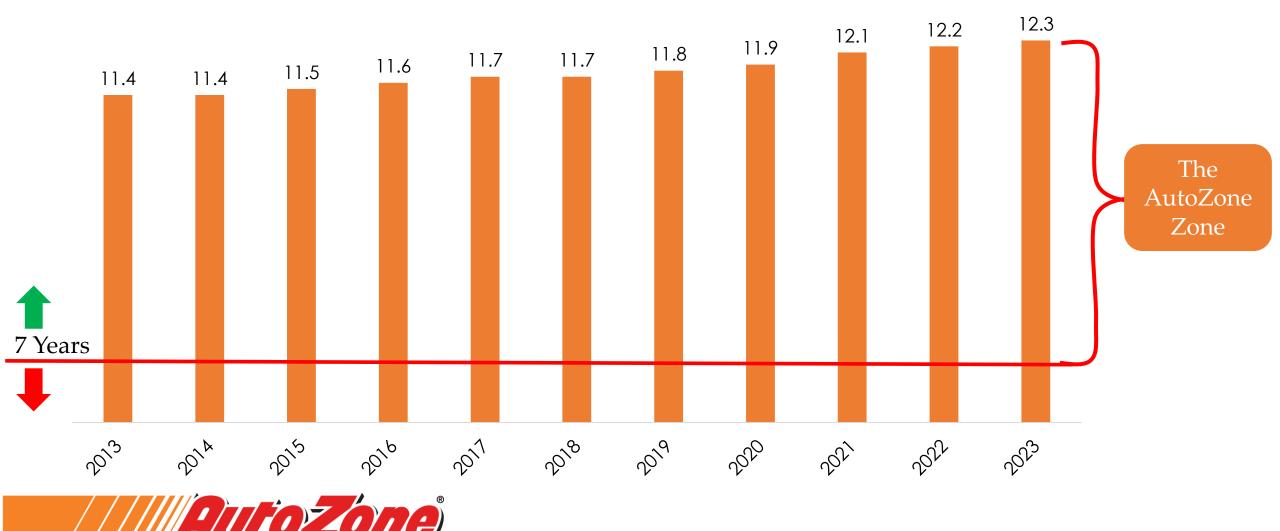


Average Miles Driven



Average Age of Cars (U.S)

In Years



Vin # Year Range

63% of cars are > 9 years old

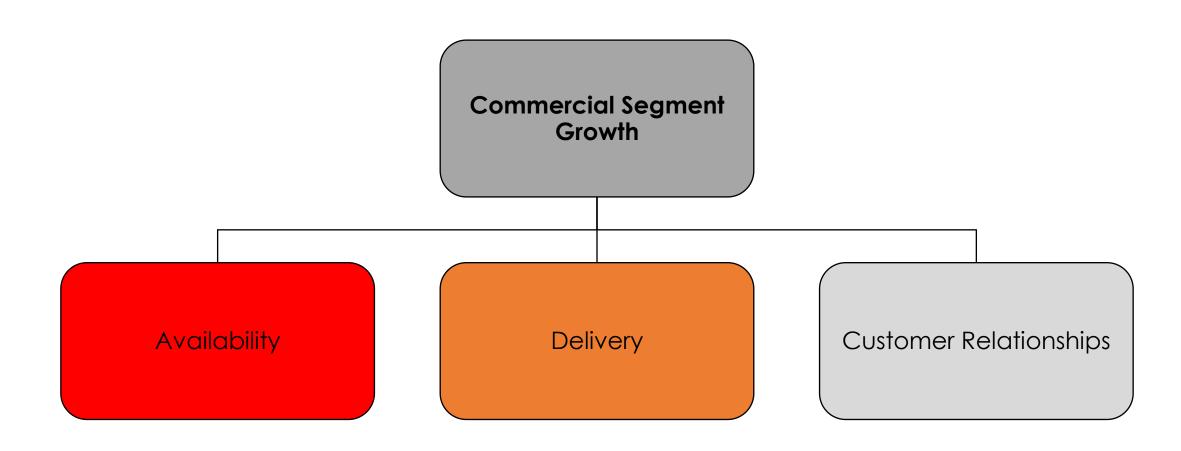
26% are 4-8 years old

A Majority of U.S cars are possible AutoZone customers



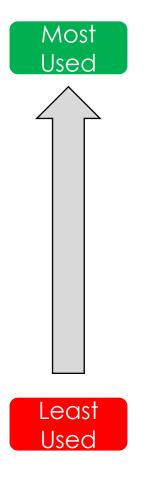
VIN YEAR RANGE	% OF VEHICLES
2020-2023 model years	11%
2015-2019 model years	26%
2010-2014 model years	19%
2005-2009 model years	20%
2000-2004 model years	14%
1995-1999 model years	5%
1990-1994 model years	2%
1985-1989 model years	1%
Older than 1985	2%
TOTAL	100%

Commercial Growth





Commercial Customer



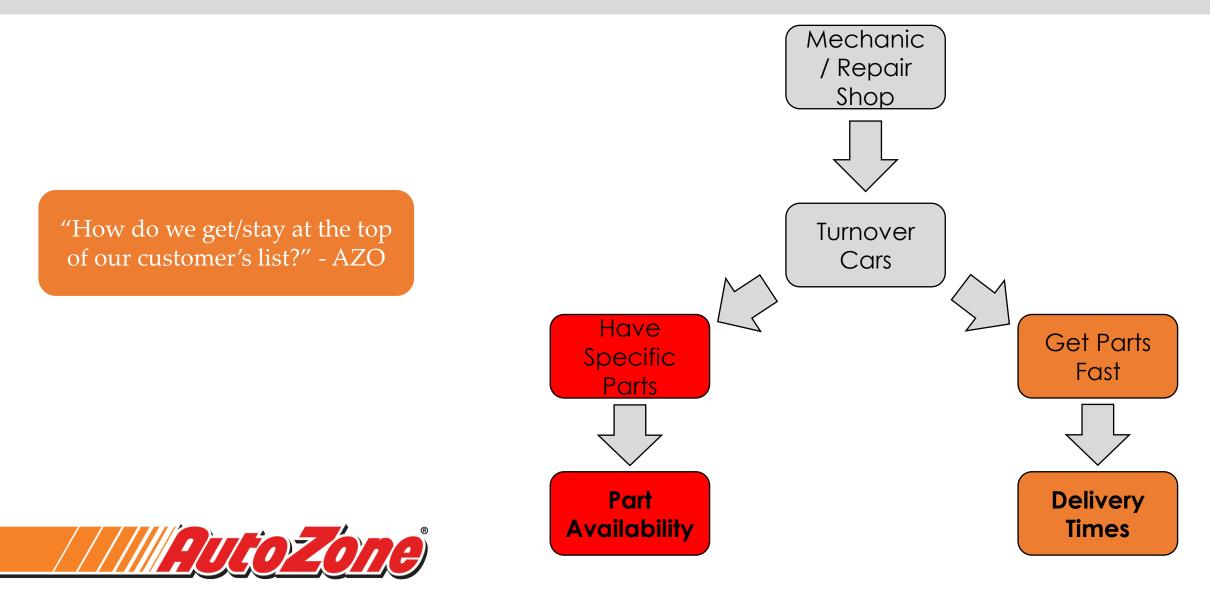
Suppliers:

- 1. Competitor
- 2. AutoZone
- 3. Competitor
- 4. Competitor
- 5. Competitor

The higher on the list, the more revenue you get from the customer



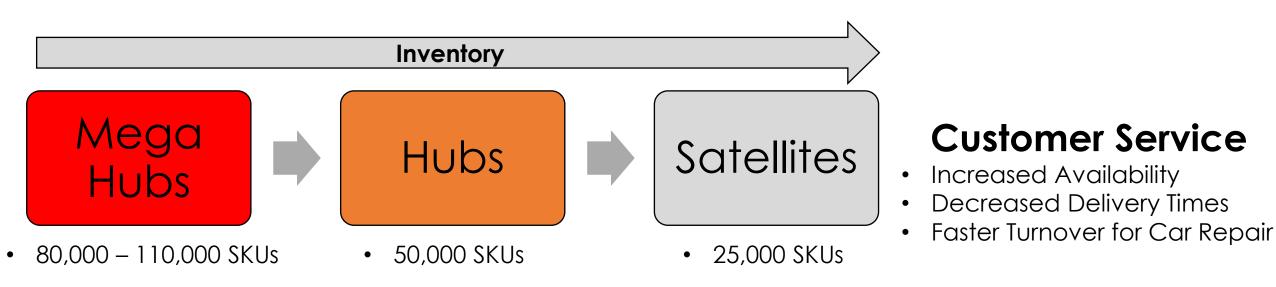
Commercial Customer



Implementation of More Mega Hubs



Commercial Supply Chain

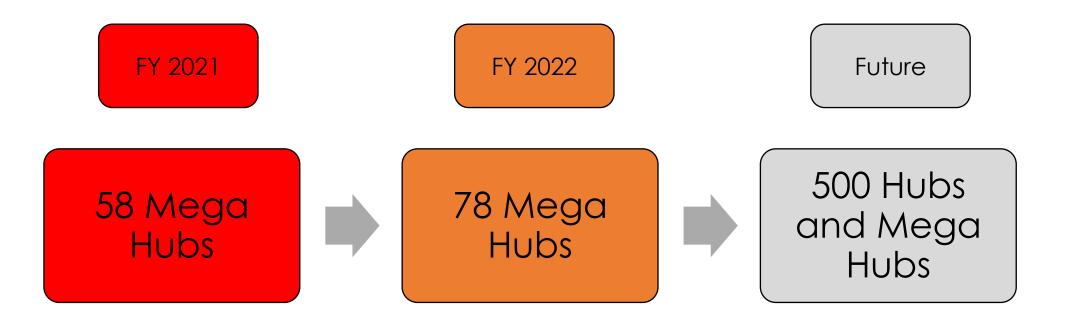


SKU (Stock Keeping Unit)

• The number of unique products in the store



Store Growth





Commercial Future



- More Specific Models
- Computers in Cars
- Electric Vehicles

Do-It-For-Me Customers

 Consumers cannot repair their own cars anymore



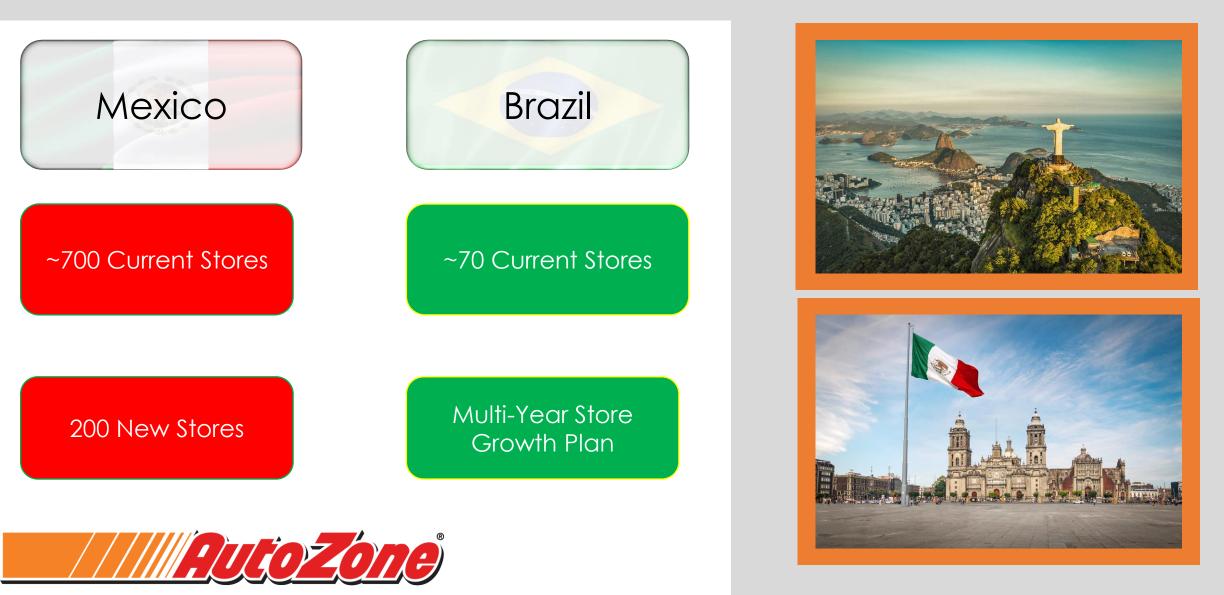
- Become the #1 Spot for Customers now
- Continue to build relationships and provide value in the future



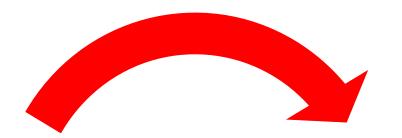
International Market



International Market



Mexico/Brazil Car Cycle



Car Problems



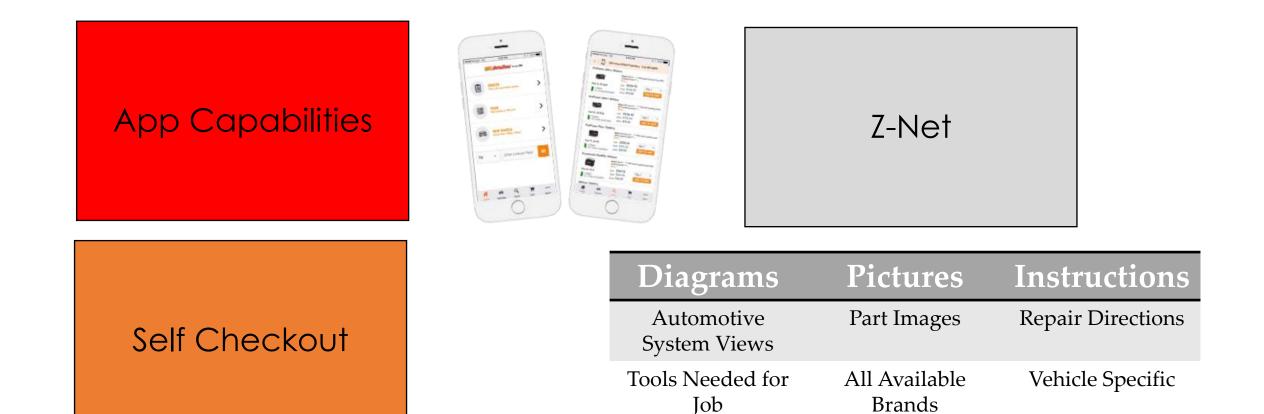
Fix Car

Lower disposable income forces people to fix cars rather than buy new ones



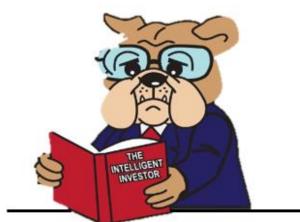


Valued Added to Retail









Valuation

Ethan Sanchez



EPS Model Inputs

5 Years	Bear	Base	Bull
Net Income Growth	5%	6%	7%
Shares Buybacks	2%	3%	4%
EPS Growth	7%	9%	11%



EPS Model

Ticker:	AZO											
Price:	\$2,661.24	5 Year EPS Forecast						P/E	Total Return Price	PV	5 YR Return	Annual Return
Bear	EPS	<u>Current</u> \$121.63	<u>2023</u> \$130.14 7%	<u>2024</u> \$139.25 7%	<mark>2025</mark> \$149.00 7%	<u>2026</u> \$159.43 7%	<mark>2027</mark> \$170.59 7%	12.0x 15.0x 18.0x	\$2,047.11 \$2,558.89 \$3,070.66	\$1,271.09 \$1,588.87 \$1,906.64	(23.1)% (3.8)% 15.4%	(5.1)% (0.8)% 2.9%
Base	EPS	<u>Current</u> \$121.63	<u>2023</u> \$132.58 9%	<mark>2024</mark> \$144.51 9%	<u>2025</u> \$157.51 9%	<mark>2026</mark> \$171.69 9%	<mark>2027</mark> \$187.14 9%	13.0x 16.0x 19.0x	\$2,432.86 \$2,994.29 \$3,555.71	\$1,510.61 \$1,859.22 \$2,207.82	<mark>(8.6)%</mark> 12.5% 33.6%	(1.8)% 2.4% 6.0%
Bull	EPS	<u>Current</u> \$121.63	<u>2023</u> \$135.01 <i>11%</i>	<mark>2024</mark> \$149.86 <i>11%</i>	<mark>2025</mark> \$166.34 <i>11%</i>	<mark>2026</mark> \$184.64 <i>11%</i>	<mark>2027</mark> \$204.95 <i>11%</i>	14.0x 17.0x 20.0x	\$2,869.35 \$3,484.21 \$4,099.07	\$1,781.64 \$2,163.42 \$2,545.20	7.8% 30.9% 54.0%	1.5% 5.5% 9.0%



10% Discount Rate

Sensitivity Analysis

Total RoR Sensitivity					
\$121.63	Est. EPS growth rate				
		7%	9%	11%	
ш	15.0x	(5.1)%	(1.8)%	1.5%	
Ρ/Ι	16.0x	(0.8)%	2.4%	5.5%	
	17.0x	2.9%	6.0%	9.0%	



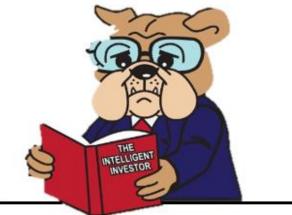
Margin of Safety

Stock Price: \$2661.24

	Bear		I	Base	Bull		
Present Value	\$	1,589	\$	1,859	\$	2,163	
Margin of Safety	-40%		-	30%	-19%		





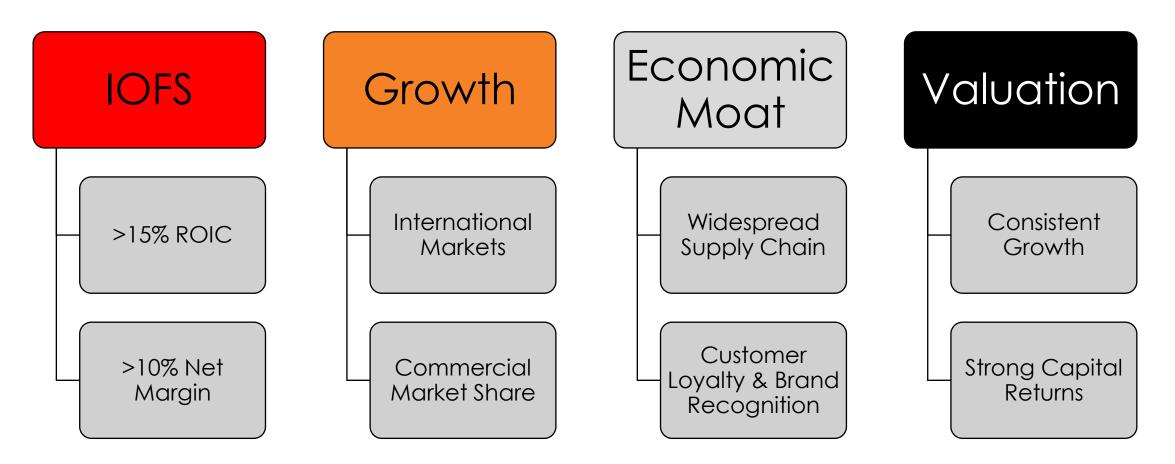


Conclusion

William Errett

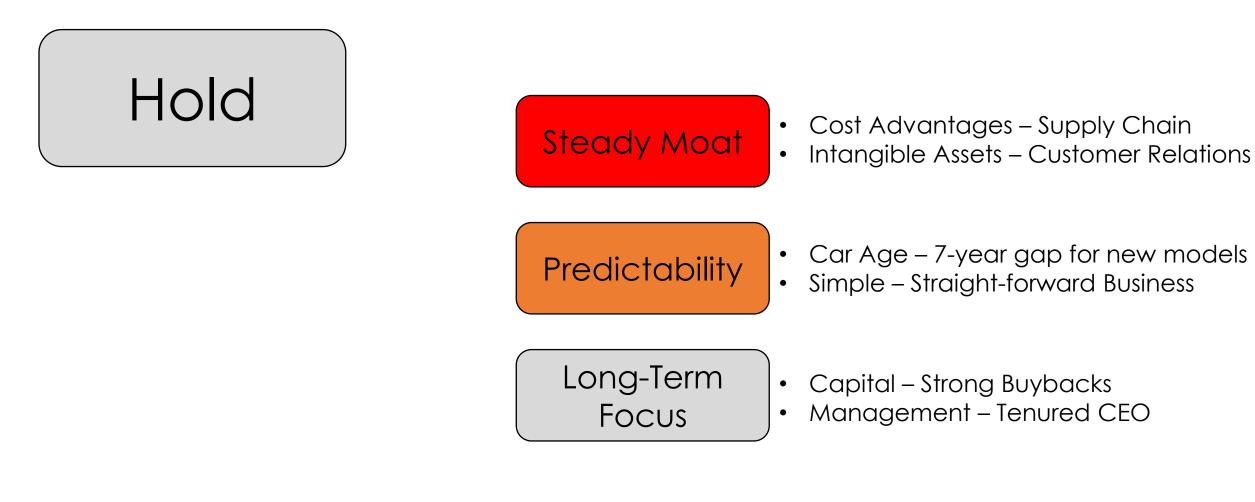


Concluding Thoughts





Recommendation





Thanks for a Great Year!





The Compounding Crew

The Profit Prophets





Brandon Chaney



OPTIMA

MAUTOZONE

LABE

PENNZOIL

PENNZOIL

FUN-HAVER

FUN-HAVER

Ford

FR

DRIVYSH

THANK AND

214

Q&A

BERACING

.....

RACING

Zac Nguyen

FR

NGK

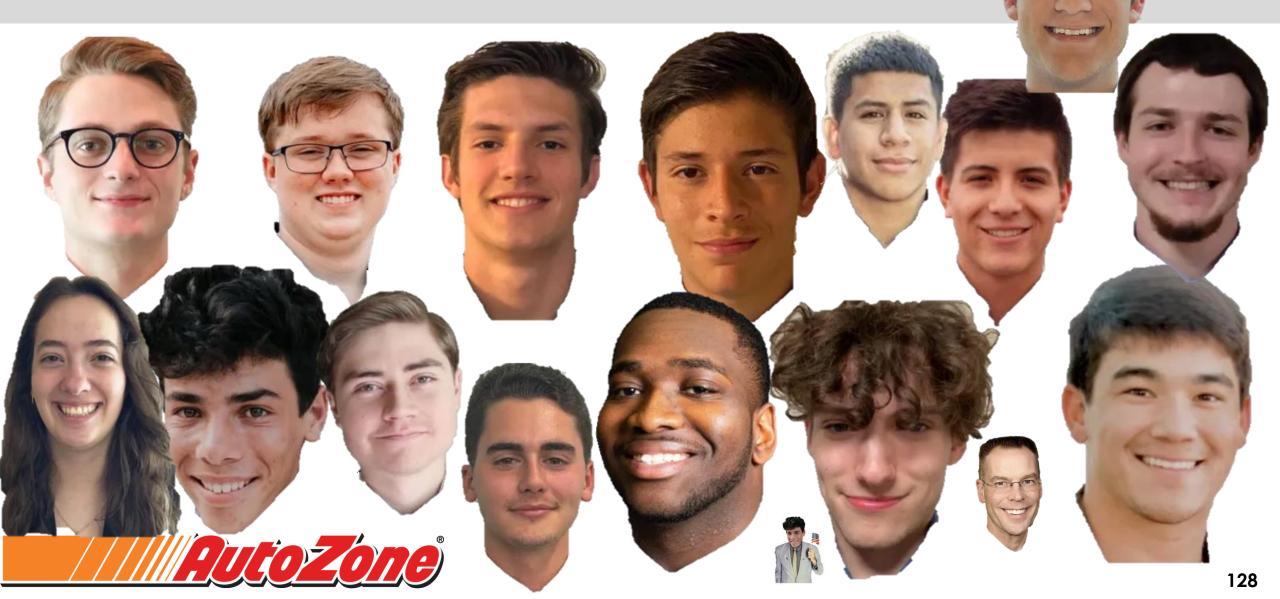
PTK





Braeden Jenschke

Creation Bank



Customer Service

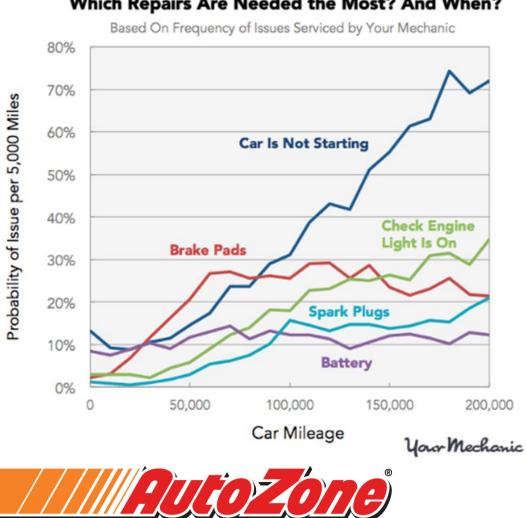
Cross-functional employee development



Leadership training



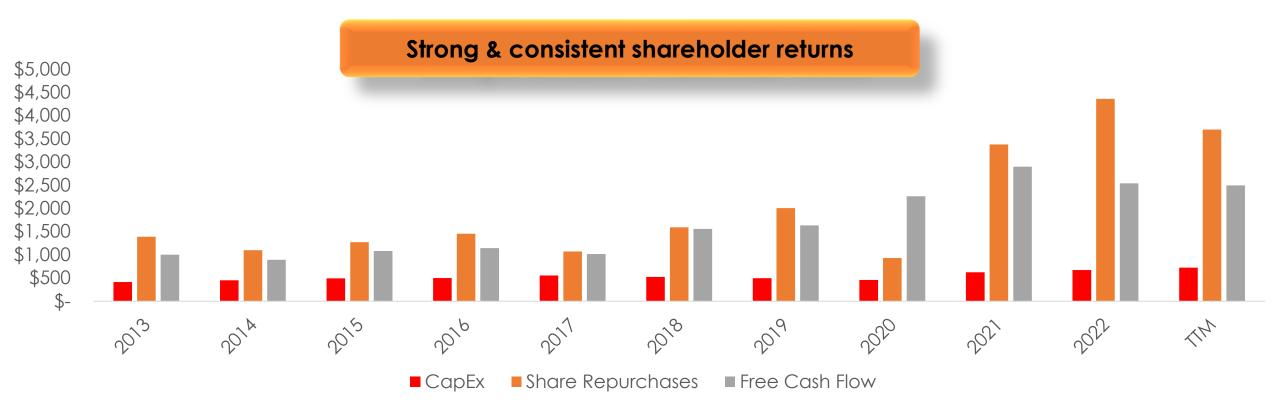
Frequent Repairs



Which Repairs Are Needed the Most? And When?

Capital Allocation Philosophy

Nearly 30% of Free Cash Flow towards capital expenditures at 28% return 110% of Free Cash Flow towards share repurchases



Customer Service







Dupont Analysis

	Net Margin	Asset Turnover	Equity Multiplier		
Auto <u>IIIZone</u>	14.3%	1.06	-4.32		
OREILY AUTO PARTS	15.1%	1.14	-11.90		
Advance Auto Parts	4.5%	1.04	4.49		
GPC	5.5%	1.34	4.35		

