

The following model screens auto manufacturers and suppliers from the [Russel 3000 Stock Index](#)  
Data was collected via the Bloomberg Terminal and imported via the Bloomberg Excel add-in

#### ***Profitability and Growth Factors***

[Sales Growth](#) Average 3-Year annual growth in Sales  
[Gross Margin](#)  $((\text{Revenue} - \text{Cost of Goods Sold}) / \text{Revenue}) * 100$

#### ***Risk Factors***

[Debt to EBITDA](#) Measures a company's debt exposure- ability to repay it's debts  
*Debt / EBITDA (Earnings before Interest, Taxes, Depreciation, and Amortization)*

#### ***Valuation Factors***

[EV to EBITDA](#) Calculates the fair market value of a company  
*Enterprise Value / EBITDA*

Ticker	Company Name	GICS Industry Group Name	Market Cap (Billions)
APTIV UN Equity	Aptiv PLC	Automobiles & Components	\$ 20.19
AXL UN Equity	American Axle & Manufacturing Holdings Inc	Automobiles & Components	\$ 1.32
BWA UN Equity	BorgWarner Inc	Automobiles & Components	\$ 8.64
CPS UN Equity	Cooper-Standard Holdings Inc	Automobiles & Components	\$ 0.77
DAN UN Equity	Dana Inc	Automobiles & Components	\$ 2.58
DORM UW Equity	Dorman Products Inc	Automobiles & Components	\$ 2.81
F UN Equity	Ford Motor Co	Automobiles & Components	\$ 39.70
FOXF UW Equity	Fox Factory Holding Corp	Automobiles & Components	\$ 3.02
GM UN Equity	General Motors Co	Automobiles & Components	\$ 52.42
GNTX UW Equity	Gentex Corp	Automobiles & Components	\$ 6.17
LCII UN Equity	LCI Industries	Automobiles & Components	\$ 2.21
LEA UN Equity	Lear Corp	Automobiles & Components	\$ 8.60
MOD UN Equity	Modine Manufacturing Co	Automobiles & Components	\$ 0.70
MPAA UW Equity	Motorcar Parts of America Inc	Automobiles & Components	\$ 0.33
SMP UN Equity	Standard Motor Products Inc	Automobiles & Components	\$ 1.02
SRI UN Equity	Stoneridge Inc	Automobiles & Components	\$ 0.90
TEN UN Equity	Tenneco Inc	Automobiles & Components	\$ 0.85
THO UN Equity	Thor Industries Inc	Automobiles & Components	\$ 3.13
THRM UW Equity	Gentherm Inc	Automobiles & Components	\$ 1.39
TOWR UN Equity	Tower International Inc	Automobiles & Components	\$ 0.39
TSLA UW Equity	Tesla Inc	Automobiles & Components	\$ 39.83
VC UW Equity	Visteon Corp	Automobiles & Components	\$ 1.52
WGO UN Equity	Winnebago Industries Inc	Automobiles & Components	\$ 1.21

Ticker	Name	SALES_3YR_AVG_GROWTH	GROSS_MARGIN	TOT_DEBT_TO_EBITDA
APTV UN Equity	Aptiv PLC	-0.69	18.91	2.31
AXL UN Equity	American Axle & Manufacturing Holdings Inc	25.3	15.69	6.94
BWA UN Equity	BorgWarner Inc	9.51	21.17	1.42
CPS UN Equity	Cooper-Standard Holdings Inc	2.79	15.25	2.56
DAN UN Equity	Dana Inc	10.94	14.21	4.01
DORM UW Equity	Dorman Products Inc	6.64	38.34	0.21
F UN Equity	Ford Motor Co	2.35	9.11	13.63
FOXF UW Equity	Fox Factory Holding Corp	19.36	33.19	0.75
GM UN Equity	General Motors Co	2.84	17.95	5.12
GNTX UW Equity	Gentex Corp	5.95	37.65	0
LCII UN Equity	LCI Industries	20.95	21.02	1.1
LEA UN Equity	Lear Corp	5.17	10.96	1.41
MOD UN Equity	Modine Manufacturing Co	18.76	16.52	2.7
MPAA UW Equity	Motorcar Parts of America Inc	8.75	18.86	6.97
SMP UN Equity	Standard Motor Products Inc	4.06	28.64	1.37
SRI UN Equity	Stoneridge Inc	10.49	29.63	0.98
TEN UN Equity	Tenneco Inc	13.15	14.38	6.67
THO UN Equity	Thor Industries Inc	29.15	13.98	6.25
THRM UW Equity	Gentherm Inc	6.63	28.38	0.9
TOWR UN Equity	Tower International Inc	-3.5	12.34	3.37
TSLA UW Equity	Tesla Inc	74.5	18.83	5.35
VC UW Equity	Visteon Corp	-2.74	13.77	2.61
WGO UN Equity	Winnebago Industries Inc	29.62	14.87	1.44

[\*Return to Intro\*](#)

EV_TO_EBITDA	Forecast EV to EBITDA	Ticker2	Forecast - Actual	Forecast / Actual
12.02	6.94	APTV UN Equity	-5.08	0.58
9.12	11.04	AXL UN Equity	1.92	1.21
6.64	9.22	BWA UN Equity	2.58	1.39
3.95	6.13	CPS UN Equity	2.18	1.55
8.2	7.40	DAN UN Equity	-0.80	0.90
15.66	15.14	DORM UW Equity	-0.52	0.97
2.74	6.54	F UN Equity	3.80	2.39
25.42	15.31	FOXF UW Equity	-10.11	0.60
2.53	7.86	GM UN Equity	5.33	3.11
9.67	14.71	GNTX UW Equity	5.04	1.52
9.04	10.91	LCII UN Equity	1.87	1.21
5.26	4.54	LEA UN Equity	-0.72	0.86
6.85	9.22	MOD UN Equity	2.37	1.35
19.35	9.64	MPAA UW Equity	-9.71	0.50
9.3	11.25	SMP UN Equity	1.95	1.21
7.35	12.56	SRI UN Equity	5.21	1.71
7.34	8.52	TEN UN Equity	1.18	1.16
15.11	10.81	THO UN Equity	-4.30	0.72
11.07	11.43	THRM UW Equity	0.36	1.03
4.92	4.20	TOWR UN Equity	-0.72	0.85
19.03	19.72	TSLA UW Equity	0.69	1.04
8.68	4.68	VC UW Equity	-4.00	0.54
7.33	9.98	WGO UN Equity	2.65	1.36

Regression Output

Regression Statistics	
Multiple R	67%
R Square	45%
Adjusted R Square	36%
Standard Error	4.54
Observations	23

ANOVA					
	df	SS	MS	F	Significance F
Regression	3	321.55	107.18	5.21	0.01
Residual	19	391.03	20.58		
Total	22	712.58			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	(0.93)	4.00	(0.23)	0.82	(9.31)	7.44	(9.31)	7.44
Sales Growth	0.16	0.06	2.67	0.02	0.03	0.28	0.03	0.28
Gross Margin	0.39	0.15	2.67	0.02	0.08	0.69	0.08	0.69
Debt to EBITDA	0.26	0.39	0.68	0.50	(0.55)	1.07	(0.55)	1.07

# Model Output

