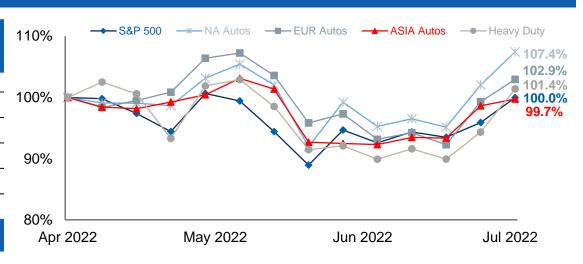


The Motor Weekly® Index: 6,880.73 (+721.13, +11.71%)

3-Month Price Performance

SUPPLIER EQUITY INDEX RETURNS 1 Week 3 Months S&P 500 4.26% (0.04%)**NA Autos** 5.29% 7.42% **EUR Autos** 3.66% 2.95% **ASIA Autos** 1.13% (0.27%)**Heavy Duty** 7.45% 1.38% Represents market-weighted index

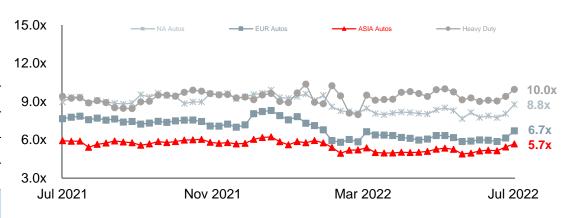
*Source: Capital IQ



LTM Trading Multiples (EV / LTM EBITDA)

SUPPLIER TRADING MULTIPLES 7-29-22 1 Year (0.2x)**NA Autos** 8.8x **EUR Autos** 6.7x (1.0x)**ASIA Autos** 5.7x (0.3x)**Heavy Duty** 10.0x 0.5x





U.S. S.A.A.R. (in millions) 20.0 15.0 10.0 Jan-06 Jan-10 Source: Capital IQ; U.S. EIA Jan-18 Jan-22





The Motor Weekly® Index



The Motor Weekly Index Summary

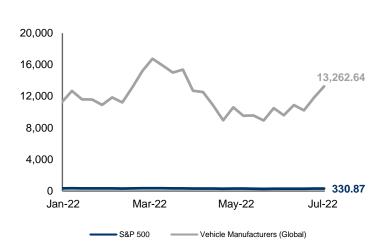
The Motor Weekly Index is the average of two sub-indices:

- The Manufacturers' Index (M-Index) is a market weighted average of global vehicle manufacturers
- The Suppliers' Index (S-Index) is a market weighted average of global OEM component suppliers

The Motor Weekly® Index Indexed as of January 2006 10,000 8,000 6.880.73 6,000 4,000 2,000 330.87 0 Jan-06 Jan-09 Jan-12 Jan-15 Jan-18 Jan-21 S&P 500 MW Index

Manufacturers' Index (M-Index)

Last Six Months



Suppliers' Index (S-Index)

1,000 800 600 400 200 Jan-22 Mar-22 May-22 Jul-22 — S&P 500 — Suppliers (Global)





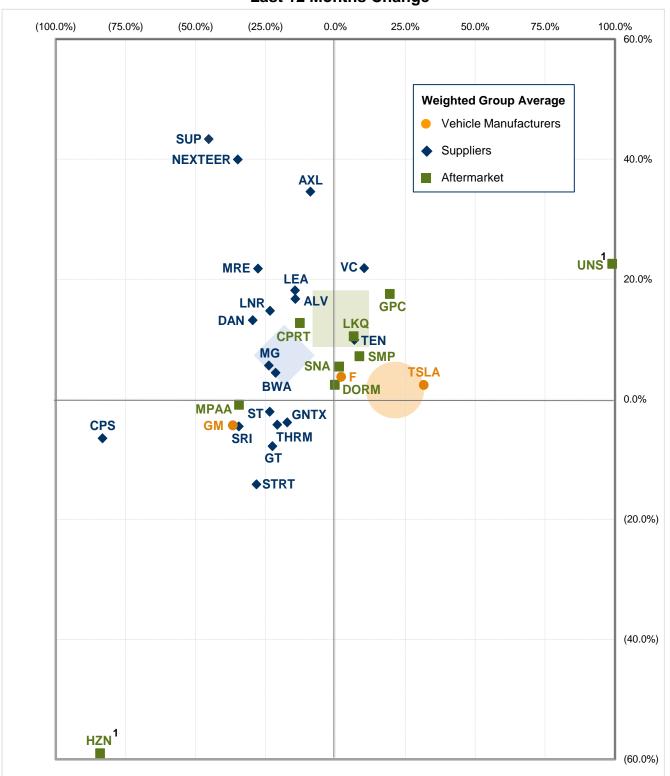
- August 1 (The Detroit News) Saudi Aramco announced a \$2.65 billion agreement on Monday to acquire Valvoline's global products business, which includes motor oils, transmission fluids, coolants and other automotive maintenance products. Valvoline said the transaction will separate its global products from its retail services businesses, transforming it into a purely automotive service provider. The more than 150-yearold company operates and franchises around 1,700 service centers, with stores across the United States offering oil changes and other guick services. Valvoline noted the deal will also help it to accelerate focus on servicing electric vehicle cars. It is already a key supplier of battery fluids to electric vehicle manufacturers. Valvoline said it expects to use the estimated \$2.25 billion in net cash proceeds to return capital to shareholders through share repurchases, reduce debt and invest in its retail services business. The agreement is subject to regulatory approval, expected by the end of 2022 or early next year. Aramco, the state-owned oil company of Saudi Arabia, has been expanding its downstream business in past years. "Valvoline's global products business fits perfectly with Aramco's growth strategy for lubricants as it will leverage our global base oils production," said Mohammed al-Qahtani, Aramco's senior vice president of downstream. Once the agreement is concluded, Valvoline will own its name brand for all retail services globally, excluding China and certain countries in the Middle East and North Africa, while Aramco will own the Valvoline brand for all product uses globally. Valvoline said it will procure motor oil and related products from the global products business through a long-term supply agreement.
- August 1 (Detroit Free Press) The U.S. operating arm of Chrysler parent Stellantis was ordered on Monday to pay about \$300 million to settle the criminal portion of its diesel emissions cheating case involving Jeep Grand Cherokee SUVs and Ram 1500 pickups. The dollar figure tracks with the amount listed in connection with the company's quilty plea in June in U.S. District Court in Detroit to one count of conspiracy to defraud the United States, commit wire fraud and violate the Clean Air Act. FCA US LLC was fined \$96 million and ordered to pay a forfeiture money judgment of more than \$203 million, according to a Justice Department news release, which noted that the court also imposed a three-year term of organizational probation. The sentencing was before Judge Nancy Edmunds. The release noted that the company has agreed to continue to cooperate with related investigations and implement a compliance and ethics program "designed to prevent and detect fraudulent conduct throughout its operations and will report to the department regarding remediation, implementation and testing of its compliance program and internal controls." Three company managers — Sergio Pasini, Gianluca Sabbioni and Emanuele Palma — are awaiting trial on similar charges. The case, which echoed the notorious Dieselgate episode involving Germany's Volkswagen, involved more than 101,000 SUVs from model years 2014-16 and pickups equipped with second-generation EcoDiesel V-6 engines. The vehicles had software designed to make them perform differently during government emissions tests than under normal driving conditions, leading them to pollute more than they were supposed to, with the company working to conceal this, prosecutors said. In addition to the criminal penalties, the company also agreed in 2020 to pay \$9.5 million to settle a U.S. Securities and Exchange Commission case in the matter; and a civil settlement involving the Justice Department and consumers cost the company almost \$800 million. Detroit-based U.S. Attorney Dawn Ison, in the news release, called the sentence appropriate. "Today's sentence is an appropriate punishment for a company that schemed to defraud regulators and consumers. All corporations should be transparent and honest in dealing with the federal government and the public. This prosecution reflects how seriously my office takes this principle," Ison said. Stellantis spokesman Eric Mayne referred a Free Press reporter back to a statement the company released in June, which said in part that "FCA US LLC (FCA US) has agreed to a settlement that resolves a U.S. Department of Justice criminal investigation involving approximately 101,482 vehicles from model-years 2014 to 2016 equipped with second-generation EcoDiesel V-6 engines. Consumer claims related to the subject vehicles have already been resolved, and no additional recalls are required."

Last 3 Months Change

North American Equity Performance



Last 12 Months Change





North American OEM Market

		Price as of	% of 52-Wk		Total	LTM EBITDA	Total Debt /	LTM	TEV/E	BITDA	Weekly Stock Price
Company	Ticker	7/29/2022	52-vvk High	Market Cap	Enterprise Value	Margin		LTM P/E	LTM	2022	Performance
ehicle Manufacturers			Ĭ			Ĭ					
esla, Inc.	TSLA	\$ 891.45	71.7%	\$ 931,508	\$ 920,143	20.9%	0.5x	NM	NM	NM	9.1%
General Motors Company	GM	36.26	54.0%	53,612	54,949	12.4%	6.8x	6.9x	3.3x	2.2x	4.6%
Ford Motor Company	F	14.69	56.8%	61,670	41,436	8.1%	1.5x	5.1x	2.4x	2.6x	14.6%
					Mean	13.8%	2.9x	6.0x	2.9x	2.4x	-
igh Multiple Suppliers]
Aptiv PLC	APTV	\$ 104.89	58.0%	\$ 28,822	\$ 30,682	11.6%	3.8x	88.9x	16.8x	12.7x	7.4%
BorgWarner Inc.	BWA	38.46	76.8%	9,260	12,481	14.5%	2.1x	13.7x	5.9x	5.5x	5.6%
autoliv, Inc.	ALV	86.00	77.8%	7,419	8,917	10.1%	2.1x	22.5x	10.8x	9.0x	4.8%
Sentex Corporation	GNTX	28.22	74.5%	6,652	6,335	26.4%	0.0x	20.8x	13.7x	12.4x	3.4%
isteon Corporation	VC	127.58	90.8%	3,509	3,839	8.0%	1.9x	44.5x	15.5x	12.0x	9.0%
Sentherm Incorporated	THRM	64.56	65.2%	2,119	2,026	12.7%	0.5x	30.0x	15.6x	13.0x	4.8%
toneridge, Inc.	SRI	18.82	63.6%	506	639	2.3%	9.0x	NM	NM	14.4x	4.0%
					Mean	12.2%	2.8x	36.7x	13.0x	11.3x	1
lid Multiple Suppliers											
lagna International Inc.	MG	\$ 63.80	72.4%	\$ 18,436	\$ 22,252	8.9%	1.6x	27.9x	7.0x	6.5x	4.0%
oodyear Tire & Rubber Co.	GT	12.28	49.3%	3,474	11,994	10.5%	4.7x	4.0x	6.0x	5.5x	4.8%
ear Corporation	LEA	151.14	77.3%	9,048	11,287	6.4%	2.7x	41.5x	9.2x	7.9x	7.1%
enneco Inc.	TEN	18.87	96.8%	1,563	6,348	5.5%	5.0x	NM	6.4x	4.8x	0.1%
dient plc	ADNT	33.78	66.3%	3,194	5,713	9.4%	6.4x	4.3x	11.2x	7.6x	11.0%
ana Incorporated	DAN	16.76	65.5%	2,442	5,339	7.4%	4.3x	17.0x	7.8x	6.7x	6.1%
merican Axle & Mfg.	AXL	8.91	81.7%	1,020	3,696	15.5%	4.0x	NM	4.6x	4.6x	5.7%
inamar Corporation	LNR	45.55	71.9%	2,909	2,823	13.7%	0.9x	10.3x	3.9x	3.7x] 1.1%
lexteer Automotive Group	1316	0.80	75.0%	2,033	1,883	7.2%	0.6x	17.0x	7.8x	4.3x	9.0%
I Fluid Systems plc	TIFS	2.13	52.7%	1,098	1,866	7.6%	5.6x	68.5x	7.3x	5.3x	8.5%
lartinrea International Inc.	MRE	7.29	72.9%	586	1,499	6.3%	5.1x	32.7x	7.5x	4.3x	3.4%
Modine Manufacturing Company	MOD	13.12	76.9%	684	1,076	7.2%	2.9x	8.1x	7.3x	5.9x	7.4%
cooper-Standard Holdings Inc.	CPS	4.31	15.4%	72	960	NM	NM	NM	NM	NM	(13.8%)
Superior Industries	SUP	4.63	51.2%	122	813	10.8%	4.0x	NM	5.3x	4.7x	8.7%
TRATTEC Security Corp.	STRT	30.42	66.4%	119	151	7.0%	0.5x	12.4x	4.9x	3.9x	2.9%
					Mean	8.8%	3.4x	22.1x	6.9x	5.4x	
					Mean	10.4%	3.2x	25.0x	8.2x	6.9x	Avg. Δ
					Median	9.1%	2.8x	17.0x	7.3x	5.5x	5.39%



North American Aftermarket

		Price	% of	No	Total	LTM	Total	1.754	TEV/E	BITDA	Weekly	
Company	Ticker	as of 7/29/2022	52-Wk High	Market Cap	Enterprise Value	EBITDA Margin	Debt / EBITDA	LTM P/E	LTM	2022	Stock Price Performance	
Retailers & Distributors		.,_0,_0	9	- Cup	· and	a. g						
O'Reilly Automotive, Inc.	ORLY	\$ 703.59	94.0%	\$ 45,200	\$ 51,297	23.6%	2.1x	22.2x	15.8x	16.1x	2.2%	
AutoZone, Inc.	AZO	2,137.39	94.3%	42,120	50,256	23.0%	2.5x	18.9x	13.8x	13.6x	(0.5%)	
Senuine Parts Company	GPC	152.87	99.2%	21,629	25,233	9.1%	2.2x	19.8x	13.5x	13.2x	5.8%	
Advance Auto Parts, Inc.	AAP	193.62	79.2%	11,779	15,484	10.6%	3.4x	19.0x	13.3x	10.0x	1.2%	
Snap-on Incorporated	SNA	224.05	95.2%	11,956	12,434	27.4%	1.0x	14.1x	9.6x	9.7x	5.1%	
Jni-Select Inc.	UNS	28.86	99.4%	1,256	1,653	5.6%	4.8x	NM	17.9x	10.0x	4.2%	
CarParts.com, Inc.	PRTS	7.98	38.5%	402	424	1.1%	8.3x	NM	NM	20.4x	(4.5%)	
an ano.com, mo.	11110	7.00	00.070	102	12.	1.170	0.07			20.1%		
Starmarkat Compliana					Mean	14.3%	3.5x	18.8x	14.0x	13.3x]	
ftermarket Suppliers Goodyear Tire & Rubber Co.	GT	\$ 12.28	49.3%	\$ 3,474	\$ 11,994	10.5%	4.7x	4.0x	6.0x	5.5x	4.8%	
xalta Coating Systems Ltd.	AXTA	25.22	73.9%	5,564	8,872	15.7%	5.2x	27.4x	12.2x	10.6x	(3.3%)	
Dorman Products, Inc.	DORM	101.09	82.2%	3,224	3,442	14.8%	1.4x	22.8x	14.9x	13.6x	(13.4%)	
Standard Motor Products, Inc.	SMP	45.74	83.0%	1,034	1,282	12.3%	1.8x	11.6x	7.8x	7.7x	(0.8%)	
Notorcar Parts of America, Inc.	MPAA	15.07	65.9%	293	528	7.5%	5.4x	39.7x	10.8x	6.5x	2.4%	
Horizon Global Corporation	HZN	1.42	15.1%	38	364	1.1%	42.3x	NM	NM	NM	(7.8%)	
ionzon Giobai Gorporation		1.12	10.170	00	001	1.170	12.0%			1 4141		
					Mean	10.3%	10.1x	21.1x	10.3x	8.8x	_	
Collision											Į	
Copart, Inc.	CPRT	\$ 128.10	79.5%	\$ 30,626	\$ 29,291	43.8%	0.4x	28.5x	19.9x	18.3x	5.0%	
.KQ Corporation	LKQ	54.84	90.7%	15,288	18,625	12.9%	2.2x	13.0x	10.9x	10.5x	3.3%	
AA, Inc.	IAA	37.73	59.4%	5,092	7,323	28.3%	4.3x	16.8x	13.1x	13.3x	2.2%	
(AR Auction Services, Inc.	KAR	17.10	77.4%	2,072	6,473	16.5%	10.6x	NM	17.4x	24.8x	1.1%	
Boyd Group Services Inc.	BYD	125.62	60.3%	2,697	3,642	5.8%	8.7x	NM	NM	14.2x	4.9%	
					Mean	21.5%	5.2x	19.4x	15.3x	16.2x	1	
ealerships											_	
CarMax, Inc.	KMX	\$ 99.54	63.8%	\$ 16,229	\$ 34,904	4.6%	11.8x	16.9x	21.6x	23.0x	5.5%	
Penske Automotive Group, Inc.	PAG	114.49	92.6%	8,878	14,747	6.2%	3.9x	6.3x	8.9x	7.4x	4.0%	
ithia Motors, Inc.	LAD	265.28	68.9%	7,449	13,898	8.3%	3.0x	6.2x	6.3x	6.4x	1.4%	
AutoNation, Inc.	AN	118.74	89.0%	6,745	11,638	8.6%	2.3x	5.1x	5.1x	5.2x	1.4%	
Carvana Co.	CVNA	29.15	7.7%	3,190	9,144	NM	NM	NM	NM	NM	14.99	
Asbury Automotive Group, Inc.	ABG	171.64	74.3%	4,000	7,370	8.9%	3.2x	5.1x	6.4x	5.6x	2.6%	
Group 1 Automotive, Inc.	GPI	176.92	83.4%	2,776	5,680	7.6%	2.6x	4.7x	5.0x	5.2x	1.5%	
Sonic Automotive, Inc.	SAH	41.85	72.2%	1,689	4,467	5.2%	4.7x	4.7x	6.4x	6.1x	7.4%	
AutoCanada Inc.	ACQ	20.22	43.7%	533	1,916	5.2%	7.2x	5.1x	9.2x	8.8x	2.7%	
/room, Inc.	VRM	1.49	3.8%	202	1,002	NM	NM	NM	NM	NM	(9.1%)	
					Mean	6.8%	4.8x	6.8x	8.6x	8.5x		
					Mean	12.5%	5.8x	14.8x	11.6x	11.4x	Avg. ∆	
					Median	9.0%	3.7x	14.1x	10.9x	10.0x	1.40%	



European OEM Market

		Price	% of		Total	LTM	Total		TEV/E	BITDA	Weekly
Company	Ticker	as of 7/29/2022	52-Wk High	Market Cap	Enterprise Value	EBITDA Margin	Debt / EBITDA	LTM P/E	LTM	2022	Stock Price Performance
Vehicle Manufacturers			J			J					
Volkswagen AG	VOW	\$ 140.04	64.7%	\$ 88,738	\$ 255,181	14.3%	5.9x	3.5x	6.4x	6.5x	2.0%
Mercedes-Benz Group AG	DAI	58.36	62.0%	63,142	166,268	14.2%	5.9x	2.8x	8.1x	6.7x	4.4%
BMW AG	BMW	80.84	78.3%	53,807	147,402	15.6%	5.8x	NM	7.3x	6.9x	3.2%
Renault SA	RNO	29.32	75.0%	8,367	49,460	10.2%	12.8x	NM	10.1x	8.5x	11.0
Stellantis N.V.	STLA	14.20	71.4%	45,369	25,524	14.8%	1.2x	2.8x	1.0x	0.9x	9.8%
					Mean	13.8%	6.3x	3.0x	6.6x	5.9x	-
uppliers											-
lichelin SCA	ML	\$ 27.71	69.3%	\$ 19,640	\$ 25,444	17.7%	1.6x	11.5x	5.3x	4.8x	(4.0%)
Continental AG	CON	70.62	58.1%	14,091	19,006	5.9%	3.3x	10.1x	8.4x	4.4x	(1.5%)
aurecia S.E.	EO	17.90	35.5%	3,600	13,868	7.3%	8.9x	NM	9.3x	4.9x	0.0%
aleo SE	FR	21.31	69.6%	5,192	9,539	5.5%	6.8x	NM	9.3x	4.0x	4.4%
utoliv, Inc.	ALV	86.00	77.8%	7,419	8,917	10.1%	2.1x	22.5x	10.8x	9.0x	4.8%
rembo S.p.A.	BRE	10.50	75.6%	3,467	4,046	14.8%	2.1x	13.7x	8.2x	6.5x	3.4%
Plastic Omnium SA	POM	18.57	64.9%	2,736	3,704	5.9%	4.4x	29.2x	8.1x	4.4x	(0.2%)
EONI AG	LEO	7.67	40.6%	259	1,528	4.3%	7.4x	NM	6.4x	6.1x	0.6%
IringKlinger AG	ZIL2	7.96	51.6%	512	977	9.7%	3.3x	20.8x	5.5x	5.1x	0.4%
Grammer AG	GMM	11.42	43.6%	175	621	3.4%	8.4x	NM	8.6x	5.5x	1.1%
ogefi S.p.A.	so	0.93	61.5%	111	425	10.6%	3.0x	NM	2.7x	2.2x	10.09
Polytec Holding AG	PYT	5.96	57.6%	133	290	6.6%	4.7x	29.9x	7.1x	6.1x	(0.2%)
					Mean	8.5%	4.7x	18.0x	7.5x	5.2x	
					Mean	10.1%	5.1x	14.7x	7.2x	5.4x	Avg. ∆
					Median	10.1%	4.7x	12.6x	8.1x	5.5x	2.91%



Asian OEM Market

		Price as of	% of 52-Wk	Market	Total Enterprise	LTM EBITDA	Total Debt /	LTM	TEV / EE	SIIDA	Weekly Stock Price	
Company	Ticker	7/29/2022	52-vvk High	Cap	Value		EBITDA	P/E	LTM	2022	Performance	
Vehicle Manufacturers												
Toyota Motor Corporation	7203	\$ 16.02	85.2%	\$ 230,447	\$ 395,497	14.2%	6.0x	9.5x	10.8x	12.0x	(1.0%)	
BYD Company Limited	1211	36.38	100.0%	129,645	124,857	7.4%	1.6x	NM	NM	NM	0.1%	
Hyundai Motor Company	A005380	150.09	87.1%	31,413	98,024	9.6%	9.4x	9.0x	10.2x	8.8x	2.8%	
Honda Motor Co., Ltd.	7267	25.39	89.8%	45,144	79,617	14.6%	4.0x	7.5x	4.6x	7.8x	(0.3%)	
Nissan Motor Co., Ltd.	7201	3.77	75.8%	15,424	60,970	6.4%	13.2x	13.5x	15.2x	12.8x	(0.6%)	
NIO Inc.	NIO	19.73	42.2%	33,347	28,853	NM	NM	NM	NM	NM	2.5%	
Mahindra & Mahindra Limited	NSEI:M&M	14.68	92.8%	17,454	24,497	12.4%	4.6x	18.9x	13.2x	21.5x	(0.8%)	
Kia Corporation	A000270	62.18	90.8%	24,694	18,760	11.0%	1.2x	6.4x	2.9x	2.4x	0.6%	
Geely Automobile Holdings Ltd.	175	1.97	79.0%	22,340	16,364	4.2%	1.0x	26.1x	24.2x	8.2x	(5.6%)	
Suzuki Motor Corporation	7269	32.40	77.3%	16,223	15,530	9.9%	1.9x	11.9x	5.3x	5.1x	(0.3%)	
suzu Motors Limited	7202	10.90	84.8%	8,769	11,255	11.5%	1.8x	8.1x	4.7x	5.2x	(2.5%)	
'amaha Motor Co., Ltd.	7272	19.17	77.0%	6,773	8,666	12.2%	2.4x	5.5x	4.7x	4.6x	0.8%	
Mazda Motor Corporation	7261	8.36	91.6%	5,499	4,910	6.2%	3.5x	7.8x	3.1x	2.7x	1.9%	
Mitsubishi Motors Co.	7211	3.45	89.7%	5,379	4,757	7.4%	2.6x	6.5x	4.1x	3.7x	5.0%	
FAW Jiefang Group Co., Ltd	000800	1.29	68.4%	6,085	1,848	2.2%	0.1x	14.8x	7.8x	2.2x	(0.5%)	
Dongfeng Motor Group Co.	489	0.69	60.4%	5,993	1,674	NM	NM	3.3x	NM	4.0x	(3.7%)	
					Mean	9.2%	3.8x	10.6x	8.5x	7.2x	-	
uppliers											1	
DENSO Corporation	6902	\$ 54.21	70.1%	\$ 43,891	\$ 44,073	11.9%	1.5x	25.0x	9.1x	7.7x	(5.1%)	
Bridgestone Corporation	A012330	38.95	93.9%	28,267	28,345	19.4%	1.2x	20.5x	5.2x	5.3x	1.8%	
AGC Inc.	5201	36.20	78.9%	8,098	14,083	21.6%	2.3x	7.8x	4.5x	4.6x	0.7%	
isin Corporation	7259	29.49	79.1%	8,318	13,460	9.8%	2.5x	9.2x	4.7x	3.9x	(7.3%)	
lyundai Mobis Co.,Ltd	5108	174.98	81.1%	15,833	10,140	6.5%	1.3x	8.6x	4.4x	4.4x	4.8%	
NSK Ltd.	6471	5.56	81.5%	2,944	4,466	8.9%	4.4x	29.7x	7.8x	6.0x	(0.7%)	
TEKT Corporation	6473	7.34	85.9%	2,604	3,865	7.0%	2.7x	18.9x	5.1x	4.1x	(6.4%)	
Coito Manufacturing Co., Ltd.	7276	32.56	58.1%	5,486	3,255	10.5%	0.3x	24.7x	5.5x	4.1x	(6.9%)	
ITN Corporation	6472	1.84	79.0%	1,016	3,103	7.0%	8.8x	16.1x	8.4x	7.0x	(2.4%)	
oyoda Gosei Co., Ltd.	7282	15.67	74.1%	2,184	2,717	8.2%	2.7x	16.3x	5.4x	4.0x	(6.5%)	
oyota Boshoku Corporation	3116	14.67	77.6%	2,765	2,185	6.3%	1.7x	14.5x	3.3x	2.5x	(5.2%)	
Stanley Electric Co., Ltd.	6923	17.41	67.7%	2,976	2,092	15.5%	0.2x	21.1x	4.8x	3.8x	(2.7%)	
NHK Spring Co., Ltd.	5991	6.75	83.7%	1,612	1,366	8.5%	1.1x	5.8x	3.3x	2.9x	(2.0%)	
Halla Holdings Corp.	A060980	29.75	66.2%	296	924	16.3%	5.3x	3.8x	6.2x	5.2x	3.3%	
okai Rika Co., Ltd.	6995	10.91	81.5%	1,022	700	4.1%	0.5x	NM	4.7x	2.9x	(7.6%)	
-Tech Inc.	7212	3.96	68.8%	76	662	6.1%	5.5x	42.7x	6.9x	NM	0.3%	
TS TECH Co., Ltd.	7313	11.32	89.5%	1,508	619	9.1%	0.2x	14.8x	2.4x	2.4x	0.2%	
Sanden Corporation	6444	1.80	72.7%	210	406	NM	NM	NM	NM	NM	(4.4%)	
GGA Group Co.	600303	0.51	59.9%	351	361	NM	NM	NM	NM	NM	2.2%	
kebono Brake Industry Co., Ltd	. 7238	1.14	57.5%	158	349	7.3%	5.1x	15.4x	4.3x	NM	(1.9%)	
China Automotive Systems, Inc.	CAAS	2.82	64.4%	87	72	5.4%	1.8x	11.2x	2.7x	2.7x	0.7%	
Futaba Corporation	TSE:6986	5.14	80.2%	222	53	NM	NM	NM	NM	NM	(0.3%)	
					Mean	10.0%	2.6x	17.0x	5.2x	4.3x		
					Mean	9.6%	3.2x	13.9x	6.5x	5.6x	Avg. ∆	



Commercial Vehicle Market

		Price as of	% of 52-Wk	Market	Total Enterprise	LTM EBITDA	Total Debt /	LTM	TEV / EBITDA		Weekly Stock Price	
Company	Ticker	7/29/2022	High	Cap	Value	Margin		P/E	LTM	2022	Performance	
Commerical Vehicle Manufactu	rers										_	
AB Volvo (publ)	VOLV-B	\$ 17.81	80.3%	\$ 36,642	\$ 50,380	11.3%	4.1x	11.4x	11.1x	7.4x	2.8%	
PACCAR Inc	PCAR	91.52	93.8%	31,580	38,968	11.8%	3.9x	14.4x	13.0x	12.5x	8.0%	
Daimler Truck Holding AG	DAI	27.12	73.8%	22,840	32,835	6.6%	6.2x	17.2x	10.8x	6.9x	3.6%	
suzu Motors Limited	7202	10.90	84.8%	8,769	11,255	NM	NM	8.1x	4.7x	5.2x	(2.5%)	
Nikola Corporation	NKLA	6.22	40.0%	2,826	2,270	NM	NM	NM	NM	NM	5.6%	
					Mean	9.9%	4.7x	12.8x	9.9x	8.0x		
ff-Highway, Specialty Vehicles	and Trail	ers										
Deere & Company	DE	\$ 343.18	76.8%	\$ 103,363	\$ 151,353	19.4%	5.6x	17.9x	17.1x	13.1x	9.9%	
Caterpillar Inc.	CAT	198.25	83.3%	103,933	136,882	19.8%	3.6x	16.6x	13.1x	14.1x	11.0%	
hor Industries, Inc.	THO	84.33	65.4%	4,596	6,323	11.0%	1.2x	4.3x	3.6x	4.5x	(0.1%)	
shkosh Corporation	OSK	86.10	68.8%	5,523	5,836	NM	NM	NM	NM	12.3x	0.7%	
/innebago Industries, Inc.	WGO	60.37	75.2%	1,911	2,262	13.0%	0.9x	5.2x	3.6x	3.8x	2.5%	
/abash National Corporation	WNC	18.06	83.5%	903	1,221	4.8%	4.6x	44.1x	11.8x	6.2x	13.2%	
he Shyft Group, Inc.	SHYF	25.94	47.6%	891	1,038	6.3%	2.2x	21.6x	16.7x	15.9x	15.49	
lue Bird Corporation	BLBD	11.16	43.1%	337	504	0.9%	25.2x	NM	NM	21.4x	13.8%	
					Mean	10.7%	6.2x	29.6x	11.0x	11.4x		
ommercial Vehicle and Off-Hig	ghway Sup	<u>opliers</u>									_	
aton Corporation plc	ETN	\$ 148.39	84.4%	\$ 58,853	\$ 68,721	17.9%	2.8x	26.8x	19.4x	16.1x	8.6%	
ummins Inc.	CMI	221.31	89.4%	30,737	34,003	12.1%	1.6x	16.4x	11.6x	8.6x	7.9%	
ngersoll Rand Inc.	IR	49.80	79.5%	19,943	21,747	20.7%	3.1x	27.5x	19.6x	15.7x	11.8%	
estinghouse Air Brake	WAB	93.47	93.4%	16,990	21,166	18.4%	3.1x	29.5x	14.6x	13.2x	8.8%	
llison Transmission Holdings, In	ALSN	41.87	99.7%	4,018	6,420	34.2%	3.0x	9.6x	7.5x	6.7x	7.3%	
ana Incorporated	DAN	16.76	65.5%	2,442	5,339	7.4%	4.3x	17.0x	7.8x	6.7x	6.1%	
CI Industries	LCII	135.09	82.7%	3,261	4,874	13.5%	2.2x	8.4x	7.1x	6.7x	4.1%	
eritor, Inc.	MTOR	36.42	99.8%	2,586	3,646	8.0%	3.5x	11.9x	11.1x	7.4x	0.2%	
odine Manufacturing Company	MOD	13.12	76.9%	684	1,076	7.2%	2.9x	8.1x	7.3x	5.9x	7.4%	
ouglas Dynamics, Inc.	PLOW	31.86	69.8%	731	969	11.9%	4.2x	25.7x	14.3x	11.1x	8.2%	
toneridge, Inc.	SRI	18.82	63.6%	506	639	2.3%	9.0x	NM	NM	14.4x	4.0%	
Commercial Vehicle Group, Inc.	CVGI	7.70	71.0%	242	463	6.6%	3.9x	13.2x	7.2x	6.6x	11.8%	
aldex AB (publ)	HLDX	6.20	94.6%	307	414	10.1%	2.9x	15.1x	8.2x	6.5x	0.8%	
					Mean	13.1%	3.6x	17.4x	11.3x	9.7x		
					Mean	12.0%	4.5x	16.8x	11.0x	10.0x	Avg. ∆	
					Median	11.3%	3.5x	15.8x	11.1x	7.4x	5.86%	



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