# THE <br> © your WEEKLY 

## 3-Month Price Performance



## LTM Trading Multiples (EV / LTM EBITDA)

| SUPPLIER |  |  |
| :--- | :---: | :---: |
| TRADING MULTIPLES |  |  |
|  | $6-11-21$ | 1 Year |
| NA Autos | 11.0 x | 3.4 x |
| EUR Autos | 9.8 x | 4.1 x |
| ASIA Autos | 8.2 x | 2.3 x |
| Heavy Duty | 11.6 x | 2.8 x |
| *Multiples use LTM EBITDA <br> *Source: Capital IQ |  |  |


U.S. S.A.A.R. (in millions)


Historical Gas Prices (\$ per gallon)


## The Motor Weekly ${ }^{\text {® }}$ Index

## The Motor Weekly Index Summary

The Motor Weekly ${ }^{\circ}$ 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 ${ }^{\circ}$ Index
Indexed as of January 2006


Manufacturers' Index (M-Index)
Last Six Months

—S\&P 500 Vehicle Manufacturers (Global)

Suppliers' Index (S-Index)
Last Six Months

—S\&P $500 \longrightarrow$ Suppliers (Global)

- June 11 (The Detroit News) - In a reversal from Trump administration policies, U.S. auto safety regulators say they will move to require or set standards for automatic emergency braking systems on new heavy trucks. The Department of Transportation, which includes the National Highway Traffic Safety Administration, announced the change Friday when it released its spring regulatory agenda. It also will require what it said are rigorous testing standards for autonomous vehicles and set up a national database to document automated-vehicle crashes. The moves by the administration of President Joe Biden run counter to the agency's stance under President Donald Trump. NHTSA had resisted regulation of automated-vehicle systems, saying it didn't want to stand in the way of potential life-saving developments. Instead, it relied on voluntary safety plans from manufacturers. NHTSA had proposed a regulation on automatic emergency braking in 2015 before Trump took office, but it languished in the regulatory process. The agency says it has been studying use of the electronic systems. In 2016 the agency brokered a deal with 20 automakers representing $99 \%$ of U.S. new passenger vehicle sales to voluntarily make automatic emergency braking standard on all models by Sept. 1, 2022. The announcement of the requirements comes two days after four people were killed when a milk tanker going too fast collided with seven passenger vehicles on a Phoenix freeway. At least nine people were injured. The U.S. National Transportation Safety Board, which investigates crashes and makes recommendations to stop them from happening, said Thursday it would send a nine-person team to investigate the Phoenix crash. The agency said it would look at whether automatic emergency braking in the truck would have mitigated or prevented the crash. Since at least 2015 the NTSB has recommended automatic emergency braking or collision alerts be standard on vehicles.
- June 10 (The Detroit News) - Group of Seven leaders are discussing ambitious plans to shift the balance of car buying away from gasoline to greener vehicles by the end of the decade, as part of a package of measures to combat climate change. Under one proposal contained in a document seen by Bloomberg, G-7 governments would "strive" to ensure that the majority of all new passenger car sales are not petrol or diesel-powered "by 2030 or sooner." Countries are divided on how specific the measures should be. All seven national leaders gathering for their summit in Cornwall, southwestern England, are also set to promise more funding to help the developing world cut carbon emissions, though details of how much are not clear. The commitments have not yet been agreed to by G-7 officials who are drafting the conclusions of this weekend's summit. But setting the goal for moving away from gasoline could represent a turning point in efforts to reduce global oil consumption and reduce greenhouse gas emissions. The plans are still in draft form and it's not clear yet that leaders - crucially including President Joe Biden -will endorse the proposed wording on moving away from polluting cars. A U.S. official declined to say whether the White House supports the drafting under discussion, including whether to set a goal that more than half of vehicles sold in 2030 are non-emitting. The official said Biden believes in strong investment in electric vehicle markets and the supply chain as a way to tackle climate change and create jobs. But the U.S.'s domestic plan doesn't go as far as to call for a ban on combustion engine cars. The biggest U.S. automakers have recently set targets for greener vehicle production. General Motors Co. announced in January that it aspired to eliminate tailpipe emissions from new light-duty vehicles by 2035. Ford pledged last month that four of every 10 vehicles Ford sells would be battery powered by 2030. Japan also issued a green strategy plan in December to make all new cars hybrid or electric by the mid-2030s, despite Toyota President Akio Toyoda warning days beforehand that governments announcing combustion-car bans were overlooking risks to jobs. In the U.K., Prime Minister Boris Johnson, who is hosting the G-7 leaders' gathering, will ban the sale of new cars running entirely on petrol or diesel from 2030, though the other nations are not likely to back such a dramatic step. At the moment, only a fraction of new vehicles sold in the U.K. are fully electric, with costs putting most consumers off. According to proposed wording in the draft summit communique, leaders would commit to decarbonize their transport sectors throughout the 2020s by accelerating the spread of electric vehicles, and the development of zero carbon trains, buses, shipping and aviation. On other climate change measures, the draft agreement includes: Confirming the commitment of wealthier countries to spend $\$ 100$ billion to help the developing world cut carbon emissions; A promise for "each" G-7 member to increase its financial contributions to help the poorest countries decarbonize their economies. The specific contributions will be for discussion between leaders, with talks still going on over how much each country should pay; Decarbonizing G-7 countries' power systems by the 2030s and phasing out new direct government support for international, carbon intensive fossil fuel-based energy; Scaling up new technology to accelerate phasing out unabated coal capacity in the 2030s and ending new international investment in unabated coal power generation by the end of this year; As part of a "nature compact" to deal with the threat to biodiversity, leaders will commit to take action across four pillars including to protect at least $30 \%$ of their own land and waters.


## North American Equity Performance

Last 12 Months Change


## North American OEM Market

(\$ in millions, except price per share)

| Company | Ticker | Priceas of$6 / 11 / 2021$ | $\begin{gathered} \text { \% of } \\ \text { 52-Wk } \\ \text { High } \end{gathered}$ | $\begin{gathered} \text { Market } \\ \text { Cap } \end{gathered}$ | Total Enterprise Value | $\begin{aligned} & \text { LTM } \\ & \text { EBITDA } \\ & \text { Margin } \end{aligned}$ | $\begin{gathered} \text { Total } \\ \text { Debt / } \\ \text { EBITDA } \end{gathered}$ | $\begin{gathered} \text { LTM } \\ \text { P/E } \end{gathered}$ | TEV / EBITDA |  | Weekly Stock Price Performance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | LTM | 2021 |  |
| Vehicle Manufacturers |  |  |  |  |  |  |  |  |  |  |  |
| Tesla, Inc. | TSLA | \$ 609.89 | 67.7\% | \$ 595,040 | \$ 584,344 | 12.7\% | 2.7x | NM | NM | NM | \| 1.8\% |
| General Motors Company | GM | 61.49 | 95.6\% | 88,186 | 91,989 | 13.0\% | 7.1x | 9.9x | 5.8x | 4.0x | (3.0\%) ${ }^{\text {] }}$ |
| Ford Motor Company | F | 15.28 | 92.9\% | 59,356 | 42,222 | 8.1\% | 2.2 x | 15.4 x | 5.0x | 3.6x | (4.3\%) |
|  |  |  |  |  | Mean | 11.3\% | 4.0x | 12.6x | 5.4x | 3.8x |  |
| High Multiple Suppliers |  |  |  |  |  |  |  |  |  |  |  |
| Aptiv PLC | APTV | \$ 156.76 | 97.9\% | \$ 42,398 | \$ 44,165 | 13.0\% | 2.4x | 88.0x | 24.5x | 18.1x | (1.9\%) \| |
| BorgWarner Inc. | BWA | 52.91 | 95.2\% | 12,465 | 15,206 | 15.1\% | 2.2 x | 27.0x | 8.4 x | 6.5 x | (2.8\%) |
| Autoliv, Inc. | ALV | 105.51 | 97.0\% | 9,078 | 10,452 | 12.1\% | 2.6x | 34.4x | 11.0x | 7.8x | (2.6\%) \| |
| Gentex Corporation | GNTX | 34.23 | 90.7\% | 8,067 | 7,789 | 31.0\% | 0.0x | 22.6 x | 14.6x | 11.5x | (1.7\%) ${ }^{\text {] }}$ |
| Visteon Corporation | VC | 127.06 | 86.1\% | 3,510 | 3,710 | 7.1\% | 2.8x | NM | 19.8x | 14.4x | (3.3\%) \| |
| Gentherm Incorporated | THRM | 72.74 | 88.7\% | 2,364 | 2,328 | 15.8\% | 0.6x | 29.8x | 15.1x | 12.1x | (1.8\%) \| |
| Stoneridge, Inc. | SRI | 32.49 | 85.1\% | 888 | 996 | 5.0\% | 5.3x | NM | NM | 17.1x | \| $2.7 \%$ |
|  |  |  |  |  | Mean | 14.2\% | 2.3x | 40.3x | 15.6x | 12.5x |  |
| Mid Multiple Suppliers |  |  |  |  |  |  |  |  |  |  |  |
| Magna International Inc. | MG | \$ 98.26 | 94.7\% | \$ 29,681 | \$ 32,565 | 10.1\% | 1.7 x | 26.5x | 9.4 x | 7.2x | (5.1\%) |
| Lear Corporation | LEA | 192.60 | 94.0\% | 11,269 | 13,210 | 7.2\% | 2.2 x | 40.8x | 10.2x | 7.2x | (4.4\%) |
| Goodyear Tire \& Rubber Co. | GT | 18.75 | 90.6\% | 4,295 | 10,321 | 6.3\% | $8.7 x$ | NM | 12.8x | 7.0x | (8.4\%) |
| Adient plc | ADNT | 49.11 | 92.4\% | 4,488 | 8,050 | 9.4\% | 8.1 x | NM | 16.3x | 7.1x | (6.7\%) |
| Tenneco Inc. | TEN | 20.82 | 92.7\% | 1,781 | 6,772 | 6.4\% | 5.0x | NM | 6.5 x | 4.7x | \| 1.1\% |
| Dana Incorporated | DAN | 26.33 | 92.6\% | 3,732 | 6,292 | 7.8\% | 4.8x | NM | 10.9x | 6.6 x | (5.6\%) |
| Linamar Corporation | LNR | 67.79 | 89.4\% | 4,381 | 4,691 | 16.5\% | 1.0x | 15.8x | 5.9x | 4.8x | (1.8\%) \| |
| American Axle \& Mfg. | AXL | 12.15 | 93.1\% | 1,325 | 4,365 | 15.8\% | 4.7x | NM | 5.8x | 4.7x | (1.5\%) \| |
| Nexteer Automotive Group | 1316 | 1.55 | 100.0\% | 3,886 | 3,677 | 9.5\% | 1.1x | 33.3x | 12.8x | 6.8 x | 10.6\% |
| TI Fluid Systems plc | TIFS | 4.51 | 96.6\% | 2,338 | 3,314 | 7.1\% | 6.2 x | NM | 13.6x | $6.3 x$ | (1.8\%) \| |
| Martinrea International Inc. | MRE | 11.41 | 85.1\% | 904 | 1,681 | 9.0\% | 3.4 x | NM | $6.7 x$ | 4.1 x | (3.6\%) |
| Cooper-Standard Holdings Inc. | CPS | 31.81 | 66.5\% | 536 | 1,293 | 2.8\% | 16.7x | NM | 19.0x | $6.8 x$ | \| $2.8 \%$ |
| Modine Manufacturing Company | MOD | 17.22 | 92.9\% | 862 | 1,245 | 8.6\% | 2.5 x | NM | 8.0x | 7.2x | (3.2\%) |
| Superior Industries | SUP | 8.74 | 89.9\% | 227 | 900 | 11.7\% | 4.7x | NM | $6.6 x$ | 5.0x | (3.5\%) |
| STRATTEC Security Corp. | STRT | 49.81 | 74.0\% | 188 | 228 | 7.9\% | 0.6x | 20.8x | $6.9 x$ | 6.1 x | (2.6\%) 】 |
|  |  |  |  |  | Mean | 9.1\% | 4.8x | 27.4x | 10.1x | 6.1 x |  |
|  |  |  |  |  | Mean <br> Median | $10.8 \%$ $9.4 \%$ | 4.0x 2.7x | 30.3x 26.8x | $\begin{aligned} & 11.1 x \\ & 10.2 x \end{aligned}$ | 7.8 x 6.8 x | $\begin{gathered} \text { Avg. } \Delta \\ (2.22 \%) \end{gathered}$ |

## North American Aftermarket

(\$ in millions, except price per share)

| Company | Ticker | Priceas of$6 / 11 / 2021$ | $\begin{gathered} \text { \% of } \\ \text { 52-Wk } \\ \text { High } \end{gathered}$ | Market Cap | Total Enterprise Value | $\begin{aligned} & \text { LTM } \\ & \text { EBITDA } \\ & \text { Margin } \end{aligned}$ | $\begin{aligned} & \text { Total } \\ & \text { Debt / } \\ & \text { EBITDA } \end{aligned}$ | $\begin{aligned} & \text { LTM } \\ & \text { P/E } \end{aligned}$ | TEV / EBITDA |  | Weekly Stock Price Performance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | LTM | 2021 |  |
| Retailers \& Distributors |  |  |  |  |  |  |  |  |  |  |  |
| O'Reilly Automotive, Inc. | ORLY | \$ 534.76 | 94.0\% | \$ 37,166 | \$ 42,863 | 24.6\% | 2.1x | 20.1x | 14.2x | 15.3x | \| 1.6\% |
| AutoZone, Inc. | AZO | 1,394.61 | 90.4\% | 29,877 | 37,063 | 23.7\% | 2.4 x | 15.3x | 11.0x | 11.7x | 0.5\% |
| Genuine Parts Company | GPC | 129.03 | 94.9\% | 18,438 | 20,942 | 8.2\% | 2.5 x | NM | 15.2x | 14.0x | (0.7\%) |
| Advance Auto Parts, Inc. | AAP | 199.44 | 94.9\% | 12,897 | 15,558 | 11.5\% | 2.8 x | 21.4x | 12.5x | 12.7x | \| 3.5\% |
| Snap-on Incorporated | SNA | 238.88 | 91.9\% | 12,722 | 13,548 | 25.9\% | 1.4 x | 19.2x | 12.7x | 12.7x | (6.1\%) |
| Uni-Select Inc. | UNS | 12.80 | 94.4\% | 542 | 1,031 | 4.9\% | 7.2x | NM | 14.6x | 8.4 x | \| $2.3 \%$ |
| CarParts.com, Inc. | PRTS | 18.60 | 80.0\% | 893 | 881 | 1.3\% | 5.0x | NM | NM | NM | 8.6\% |
|  |  |  |  |  | Mean | 14.3\% | 3.3x | 19.0x | 13.4x | 12.5x |  |
| Aftermarket Suppliers |  |  |  |  |  |  |  |  |  |  |  |
| Goodyear Tire \& Rubber Co. | GT | \$ 18.75 | 90.6\% | \$ 4,295 | \$ 10,321 | 6.3\% | 8.7 x | NM | 12.8x | 7.0x | (8.4\%) |
| Axalta Coating Systems Ltd. | AXTA | 31.61 | 92.4\% | 7,298 | 10,056 | 18.5\% | 5.5x | 87.8x | 14.3x | 10.3x | (3.0\%) \| |
| Dorman Products, Inc. | DORM | 102.93 | 91.0\% | 3,241 | 3,152 | 16.2\% | 0.2x | 28.4x | 17.3x | 14.6x | (1.4\%) |
| Standard Motor Products, Inc. | SMP | 46.98 | 85.0\% | 1,037 | 1,101 | 13.3\% | 0.5x | 15.4x | 7.2x | 8.4 x | (1.2\%) |
| Motorcar Parts of America, Inc. | MPAA | 23.30 | 88.2\% | 460 | 595 | 6.0\% | 5.3x | 35.9x | 19.0x | 6.6x | (3.6\%) 【 |
| Horizon Global Corporation | HZN | 9.91 | 84.1\% | 266 | 536 | 4.3\% | 9.9x | NM | 17.8x | NM | 0.9\% |
|  |  |  |  |  | Mean | 10.8\% | 5.0x | 41.9x | 14.7x | 9.4 x |  |
| Collision |  |  |  |  |  |  |  |  |  |  |  |
| Copart, Inc. | CPRT | \$ 124.84 | 95.3\% | \$ 29,733 | \$ 29,153 | 46.6\% | 0.5 x | 35.5x | NM | 21.5x | (0.2\%) |
| LKQ Corporation | LKQ | 49.53 | 95.8\% | 14,712 | 18,548 | 12.5\% | 2.8 x | 19.9x | 12.6x | 11.6x | (1.8\%) |
| IAA, Inc. | IAA | 53.90 | 80.6\% | 7,257 | 9,131 | 29.5\% | 5.1x | 32.7x | 21.5x | 18.0x | (4.4\%) \} |
| KAR Auction Services, Inc. | KAR | 18.06 | 86.6\% | 2,238 | 5,530 | 17.3\% | 9.5 x | NM | 15.1x | 11.3x | (0.9\%) \| |
| Boyd Group Services Inc. | BYD | 179.26 | 88.8\% | 3,856 | 4,408 | 8.8\% | 4.2 x | NM | NM | 17.8x | \| $2.8 \%$ |
|  |  |  |  |  | Mean | 22.9\% | 4.4x | 29.3x | 16.4x | 16.0x |  |
| Dealerships |  |  |  |  |  |  |  |  |  |  |  |
| CarMax, Inc. | KMX | \$ 116.85 | 84.2\% | \$ 19,270 | \$ 34,588 | 6.4\% | 12.2x | 25.9x | NM | 21.9x | \| $2.5 \%$ |
| Carvana Co. | CVNA | 274.66 | 84.9\% | 22,566 | 24,662 | NM | NM | NM | NM | NM | (1.9\%) |
| Lithia Motors, Inc. | LAD | 333.99 | 79.9\% | 10,002 | 14,178 | 6.5\% | 4.5x | 14.4x | 14.9x | 12.9x | 0.3\% |
| Penske Automotive Group, Inc. | PAG | 80.14 | 85.8\% | 6,298 | 13,453 | 4.1\% | 8.1 x | 9.6 x | 15.5x | 11.2x | (1.1\%) |
| AutoNation, Inc. | AN | 97.92 | 91.5\% | 7,509 | 11,906 | 6.2\% | 3.3 x | 10.0x | $8.9 x$ | 8.3 x | 0.3\% |
| Asbury Automotive Group, Inc. | ABG | 177.14 | 81.7\% | 3,317 | 5,573 | 6.6\% | 4.3 x | 10.4x | 10.9x | 10.4x | (3.8\%) 【 |
| Vroom, Inc. | VRM | 44.24 | 58.6\% | 6,166 | 5,369 | NM | NM | NM | NM | NM | 1.6\% |
| Group 1 Automotive, Inc. | GPI | 158.80 | 90.7\% | 2,669 | 5,236 | 6.1\% | 3.7 x | 8.2 x | 7.7x | 8.3 x | (0.9\%) |
| Sonic Automotive, Inc. | SAH | 46.69 | 83.3\% | 1,898 | 4,133 | 4.2\% | 5.4x | 9.9x | 9.5 x | 9.2x | (2.0\%) |
| AutoCanada Inc. | ACQ | 38.82 | 90.9\% | 1,053 | 2,190 | 2.9\% | 14.1x | 22.6x | NM | 13.7x | -12.4\% |
|  |  |  |  |  | Mean | 5.4\% | 6.9x | 13.9x | 11.2x | 12.0x |  |
|  |  |  |  |  | Mean <br> Median | $\begin{array}{r} 12.4 \% \\ 7.4 \% \end{array}$ | $\begin{aligned} & 5.0 \mathrm{x} \\ & 4.4 \mathrm{x} \end{aligned}$ | $\begin{aligned} & 23.3 \mathrm{x} \\ & 19.9 \mathrm{x} \end{aligned}$ | $\begin{aligned} & 13.6 \mathrm{x} \\ & 14.2 \mathrm{x} \end{aligned}$ | $\begin{aligned} & 12.4 \mathrm{x} \\ & 11.6 \mathrm{x} \end{aligned}$ | $\begin{gathered} \text { Avg. } \Delta \\ (0.14 \%) \end{gathered}$ |

## European OEM Market

(\$ in millions, except price per share)

| Company | Ticker | Priceas of$6 / 11 / 2021$ | $\begin{gathered} \text { \% of } \\ 52-\text { Wk } \\ \text { High } \end{gathered}$ | Market Cap | Total Enterprise Value | $\begin{aligned} & \text { LTM } \\ & \text { EBITDA } \\ & \text { Margin } \end{aligned}$ |  | $\begin{aligned} & \text { LTM } \\ & \text { P/E } \end{aligned}$ | TEV / EBITDA |  | Weekly Stock Price Performance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | LTM | 2021 |  |
| Vehicle Manufacturers |  |  |  |  |  |  |  |  |  |  |  |
| Volkswagen AG | Vow | \$ 282.21 | 92.3\% | \$ 163,733 | \$ 361,779 | 11.8\% | 7.6x | 10.8x | 11.3x | 8.1 x | (3.4\%) \} |
| Daimler AG | DAI | 96.44 | 98.9\% | 102,379 | 249,146 | 10.4\% | $8.9 x$ | 11.2x | 12.9x | 8.6x | (0.3\%) |
| BMW AG | BMW | 114.32 | 97.9\% | 74,764 | 184,142 | 10.2\% | 10.3x | NM | 15.0x | 9.2 x | (0.3\%) |
| Renault SA | RNO | 44.64 | 88.9\% | 12,140 | 64,554 | 5.2\% | 28.6x | NM | 23.2x | 10.1x | - $7.3 \%$ |
| Stellantis N.V. | STLA | 20.75 | 97.4\% | 64,425 | 56,982 | 9.4\% | 2.4 x | 7.3x | 8.2 x | 2.5 x | (0.7\%) |
|  |  |  |  |  | Mean | 9.4\% | 11.5x | 9.8 x | 14.1x | 7.7x |  |
| Suppliers |  |  |  |  |  |  |  |  |  |  |  |
| Continental AG | CON | \$ 157.86 | 98.2\% | \$ 31,217 | \$ 36,565 | 9.7\% | 1.8x | NM | 8.5 x | $6.0 x$ | 0.4\% |
| Michelin SCA | ML | 157.68 | 97.5\% | 27,919 | 32,601 | 16.6\% | 2.6 x | 36.7x | 7.8x | 6.1 x | (0.7\%) |
| Valeo SE | FR | 34.93 | 84.6\% | 8,221 | 13,233 | 5.2\% | 7.2x | NM | 12.6x | 4.5 x | 1.9\% |
| Faurecia S.E. | EO | 56.22 | 91.3\% | 7,585 | 11,917 | 6.0\% | 7.1x | NM | 11.1x | 4.2 x | (1.1\%) |
| Autoliv, Inc. | ALV | 105.51 | 97.0\% | 9,078 | 10,452 | 12.1\% | 2.6 x | 34.4x | 11.0x | 7.8x | (2.6\%) I |
| Plastic Omnium SA | POM | 34.47 | 82.0\% | 4,990 | 6,123 | 5.1\% | 4.7 x | NM | 14.0x | 5.4 x | (3.5\%) ${ }^{\text {I }}$ |
| Brembo S.p.A. | BRE | 13.14 | 92.8\% | 4,238 | 4,824 | 15.8\% | 2.6 x | 21.4x | 11.1x | 8.0x | (2.6\%) ] |
| LEONI AG | LEO | 18.51 | 88.2\% | 576 | 2,383 | 0.3\% | NM | NM | NM | 9.4 x | (0.3\%) |
| ElringKlinger AG | ZIL2 | 20.56 | 93.3\% | 1,275 | 1,896 | 12.0\% | 3.2 x | NM | 8.9 x | 6.9 x | (2.1\%) \| |
| Grammer AG | GMM | 33.26 | 96.3\% | 497 | 953 | 3.1\% | 8.0x | NM | 14.8x | 5.2x | 8.5\% |
| Sogefi S.p.A. | SO | 1.80 | 93.6\% | 214 | 641 | 11.5\% | 4.1x | NM | 3.9x | 2.9x | \| $4.5 \%$ |
| Polytec Holding AG | PYT | 15.02 | 98.3\% | 335 | 479 | 5.1\% | 7.4 x | 29.0x | 15.4 x | 6.0x | \| 1.2\% |
|  |  |  |  |  | Mean | 8.5\% | 4.7x | 30.8x | 10.8x | 6.0x |  |
|  |  |  |  |  | Mean | 8.8\% | 6.8x | 21.5x | 11.9x | 6.5 x | Avg. $\Delta$ |
|  |  |  |  |  | Median | 9.7\% | 5.9x | 21.4x | 11.2x | 6.1x | 0.37\% |

(\$ in millions, except price per share)

| Company | Ticker | $\begin{gathered} \text { Price } \\ \text { as of } \\ 6 / 11 / 2021 \\ \hline \end{gathered}$ | $\begin{gathered} \text { \% of } \\ \text { 52-Wk } \\ \text { High } \end{gathered}$ | Market Cap | Total Enterprise Value | $\begin{aligned} & \text { LTM } \\ & \text { EBITDA } \\ & \text { Margin } \end{aligned}$ |  | $\begin{gathered} \text { LTM } \\ \text { P/E } \end{gathered}$ | TEV / EBITDA |  | Weekly Stock Price Performance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | LTM | 2021 |  |
| Vehicle Manufacturers |  |  |  |  |  |  |  |  |  |  |  |
| Toyota Motor Corporation | 7203 | \$ 89.83 | 99.1\% | \$ 251,663 | \$ 424,725 | 14.1\% | $6.7 x$ | 12.5x | 12.2x | 11.7x | (1.2\%) $]$ |
| Hyundai Motor Company | A005380 | 213.46 | 82.6\% | 45,089 | 111,195 | 5.7\% | 16.0x | 27.4x | 20.7x | 11.0x | (1.7\%) |
| Honda Motor Co., Ltd. | 7267 | 32.66 | 98.1\% | 56,264 | 101,555 | 9.8\% | 6.0x | 9.5 x | 8.7 x | 9.1 x | (1.5\%) |
| BYD Company Limited | 1211 | 27.63 | 100.0\% | 93,283 | 97,885 | 12.6\% | 2.3 x | NM | NM | NM | 11.7\% |
| Nissan Motor Co., Ltd. | 7201 | 5.00 | 82.7\% | 19,761 | 73,864 | 1.4\% | NM | NM | NM | NM | (4.2\%) \} |
| NIO Inc. | NIO | 45.68 | 68.2\% | 76,273 | 70,535 | NM | NM | NM | NM | NM | - $8.9 \%$ |
| Kia Corporation | A000270 | 80.37 | 88.1\% | 31,746 | 26,981 | 8.1\% | 2.2x | 16.1x | 6.2 x | 4.2x | 0.4\% |
| Geely Automobile Holdings Ltd. | 175 | 2.84 | 100.0\% | 27,903 | 25,692 | 6.6\% | 0.6x | 33.1x | NM | 11.5x | (0.9\%) |
| Mahindra \& Mahindra Limited | NSEI: M\&M | 11.05 | 84.9\% | 11,853 | 21,456 | 12.4\% | 4.6x | NM | 14.3x | 21.4x | 0.1\% |
| Suzuki Motor Corporation | 7269 | 43.36 | 82.0\% | 20,899 | 20,044 | 10.4\% | 2.3 x | 15.9x | 6.7 x | 6.1 x | (2.5\%) \} |
| Yamaha Motor Co., Ltd. | 7272 | 29.42 | 95.7\% | 10,360 | 12,639 | 10.1\% | 3.2x | 13.3x | 9.1x | 7.5x | (1.8\%) \| |
| Isuzu Motors Limited | 7202 | 13.97 | 96.0\% | 10,374 | 11,172 | 9.4\% | 1.8 x | 26.7x | 6.9x | 5.2x | 0.8\% |
| Dongfeng Motor Group Co. | 489 | 0.98 | 75.0\% | 8,405 | 7,104 | 2.1\% | 27.4x | 5.1x | 20.3 x | $8.0 x$ | 1.2\% |
| Mazda Motor Corporation | 7261 | 9.02 | 95.5\% | 5,777 | 5,959 | 3.4\% | 7.7x | NM | 6.7 x | 4.0x | (4.5\%) \} |
| Mitsubishi Motors Co. | 7211 | 2.80 | 88.4\% | 4,179 | 4,566 | NM | NM | NM | NM | 8.1 x | (7.0\%) |
| FAW Jiefang Group Co., Ltd | 000800 | 1.71 | 71.5\% | 7,966 | 4,434 | 3.1\% | 0.0x | 12.1x | 7.3x | 6.0x | (0.3\%) |
|  |  |  |  |  | Mean | 7.8\% | 6.2x | 17.2x | 10.8x | 8.8x |  |
| Suppliers |  |  |  |  |  |  |  |  |  |  |  |
| DENSO Corporation | 6902 | \$ 70.30 | 97.0\% | \$ 54,648 | \$ 55,628 | 9.9\% | 1.7x | 48.2x | 12.5x | 8.3 x | (2.8\%) \} |
| Bridgestone Corporation | A012330 | 44.78 | 97.6\% | 31,888 | 30,388 | 16.0\% | 2.1x | 14.4x | 7.0x | 5.9x | (1.6\%) |
| AGC Inc. | 5201 | 44.00 | 92.5\% | 9,791 | 17,651 | 17.1\% | 4.0x | 22.5x | 7.9x | 6.2x | (1.1\%) |
| Aisin Corporation | 7259 | 43.86 | 95.3\% | 11,909 | 17,413 | 11.3\% | 2.4 x | 12.4x | 4.8 x | 4.0x | (2.8\%) \| |
| Hyundai Mobis Co.,Ltd | 5108 | 256.87 | 70.9\% | 23,743 | 16,105 | 7.4\% | 1.1x | 15.1x | 6.5 x | 5.4x | (0.8\%) |
| Koito Manufacturing Co., Ltd. | 7276 | 63.31 | 83.8\% | 10,303 | 7,887 | 13.4\% | 0.2x | 29.9x | 9.2x | 7.3x | (6.0\%) |
| NSK Ltd. | 6471 | 9.37 | 85.8\% | 4,744 | 6,574 | 7.6\% | 6.2 x | NM | 12.8x | 7.6x | (4.1\%) \} |
| JTEKT Corporation | 6473 | 11.04 | 95.6\% | 3,729 | 5,594 | 6.1\% | $3.8 x$ | NM | 8.1 x | 5.5 x | (3.1\%) \} |
| Stanley Electric Co., Ltd. | 6923 | 30.61 | 91.0\% | 4,891 | 4,178 | 19.3\% | 0.2x | 23.8x | 6.7 x | 5.8x | 1.5\% |
| NTN Corporation | 6472 | 2.82 | 87.5\% | 1,481 | 4,059 | 5.7\% | 13.1x | NM | 13.9x | 8.7 x | (3.1\%) \| |
| Toyoda Gosei Co., Ltd. | 7282 | 25.11 | 88.7\% | 3,204 | 3,597 | 10.3\% | 2.0x | 10.2x | 5.4 x | $4.5 x$ | 0.8\% |
| Toyota Boshoku Corporation | 3116 | 20.30 | 97.3\% | 3,812 | 3,492 | 7.6\% | $1.5 x$ | 13.5x | 4.0x | 3.4 x | (2.0\%) |
| NHK Spring Co., Ltd. | 5991 | 8.10 | 90.3\% | 1,895 | 1,928 | 6.6\% | 1.9x | 22.1 x | 5.6x | 4.3 x | (8.8\%) |
| Sanden Holdings Corporation | 6444 | 3.32 | 72.1\% | 372 | 1,206 | NM | NM | NM | NM | NM | (6.2\%) |
| Tokai Rika Co., Ltd. | 6995 | 16.35 | 89.3\% | 1,480 | 1,029 | 7.4\% | 0.3x | 13.7x | 3.5 x | 2.8 x | (2.8\%) \} |
| Halla Holdings Corp. | A060980 | 39.56 | 86.4\% | 398 | 939 | 17.8\% | $6.4 x$ | 7.1x | 7.6x | $6.4 x$ | (1.6\%) |
| TS TECH Co., Ltd. | 7313 | 14.79 | 90.8\% | 1,988 | 766 | 11.0\% | 0.0x | 10.7x | 2.2 x | 1.9x | (2.8\%) \} |
| F-Tech Inc. | 7212 | 7.71 | 91.5\% | 151 | 695 | 7.1\% | 3.8x | NM | 5.9x | NM | (5.3\%) |
| Akebono Brake Industry Co., Ltd. | 7238 | 1.61 | 83.3\% | 214 | 442 | 4.1\% | 9.0x | NM | 8.9 x | NM | (6.6\%) |
| SGA Group Co. | 600303 | 0.64 | 77.5\% | 433 | 381 | NM | NM | 52.3 x | NM | NM | \| $7.3 \%$ |
| China Automotive Systems, Inc. | CAAS | 5.04 | 36.8\% | 148 | 132 | 3.9\% | 2.7 x | NM | 7.1x | 3.4 x | \| 5.2\% |
| Futaba Corporation | TSE:6986 | 7.39 | 76.8\% | 309 | 42 | NM | NM | NM | NM | NM | (2.0\%) \| |
|  |  |  |  |  | Mean | 10.0\% | 3.3x | 21.1x | 7.3x | 5.4 x |  |
|  |  |  |  |  | Mean <br> Median | 9.0\% | 4.6x 2.4x | 18.2 x 14.4 x | 8.5x 7.1x | 6.8 x 6.0 x | $\begin{gathered} \text { Avg. } \Delta \\ (1.34 \%) \end{gathered}$ |

## Commercial Vehicle Market

(\$ in millions, except price per share)

| Company | Ticker | Priceas of$6 / 11 / 2021$ | $\begin{gathered} \text { \% of } \\ 52-\text { Wk } \\ \text { High } \end{gathered}$ | Market Cap | Total Enterprise Value | $\begin{aligned} & \text { LTM } \\ & \text { EBITDA } \\ & \text { Margin } \end{aligned}$ | $\begin{gathered} \text { Total } \\ \text { Debt / } \\ \text { EBITDA } \end{gathered}$ | $\begin{gathered} \text { LTM } \\ \text { P/E } \end{gathered}$ | TEV / EBITDA |  | Weekly Stock Price Performance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | LTM | 2021 |  |
| Commerical Vehicle Manufacturers |  |  |  |  |  |  |  |  |  |  |  |
| Daimler AG | DAI | \$ 96.44 | 98.9\% | \$ 102,379 | \$ 249,146 | 10.4\% | $8.9 x$ | 11.2x | 12.9x | 8.6x | (0.3\%) |
| AB Volvo (publ) | VOLV-B | 27.03 | 93.4\% | 55,561 | 64,643 | 10.7\% | 4.0x | 20.4x | 15.4x | 9.2 x | (1.9\%) ! |
| PACCAR Inc | PCAR | 92.37 | 89.5\% | 31,616 | 38,065 | 11.1\% | 4.9 x | 22.7x | 17.6x | 14.5x | (2.7\%) 【 |
| MAN SE | MAN | 87.34 | 99.6\% | 12,858 | 15,602 | 0.0\% | NM | NM | NM | NM | (0.2\%) |
| Isuzu Motors Limited | 7202 | 13.97 | 96.0\% | 10,374 | 11,172 | NM | NM | 26.7x | 6.9x | 5.2x | 0.8\% |
| Navistar International Corporation | NAV | 44.43 | 98.2\% | 4,435 | 8,833 | 1.6\% | 46.2x | NM | NM | 12.4x | 0.0\% |
| Nikola Corporation | NKLA | 17.55 | 23.0\% | 6,778 | 6,163 | NM | NM | NM | NM | NM | \| 3.3\% |
|  |  |  |  |  | Mean | 6.8\% | 16.0x | 20.3x | 13.2x | 10.0x |  |
| Off-Highway, Specialty Vehicles and Trailers |  |  |  |  |  |  |  |  |  |  |  |
| Caterpillar Inc. | CAT | \$ 220.70 | 89.5\% | \$ 119,971 | \$ 148,639 | 18.2\% | 4.9x | 35.3 x | 19.0x | 17.1x | (9.6\%) |
| Deere \& Company | DE | 341.57 | 85.3\% | 104,669 | 147,720 | 20.0\% | 6.0x | 23.6x | 18.6x | 17.2x | (4.2\%) |
| Oshkosh Corporation | OSK | 129.13 | 93.9\% | 8,861 | 8,586 | 8.4\% | 1.4 x | 25.4x | 14.9x | 11.1x | (19.1\%) |
| Thor Industries, Inc. | THO | 114.10 | 75.0\% | 6,004 | 7,823 | 8.9\% | 1.8x | 11.6x | 8.0x | 7.1x | (3.0\%) |
| Winnebago Industries, Inc. | WGO | 67.29 | 76.9\% | 2,211 | 2,474 | 10.4\% | 1.9x | 14.5 x | 8.6x | 6.3x | (5.7\%) |
| The Shytt Group, Inc. | SHYF | 41.10 | 94.0\% | 1,311 | 1,532 | 8.9\% | 1.5 x | 40.8x | 24.7x | 15.6x | \| $2.1 \%$ |
| Wabash National Corporation | WNC | 16.43 | 80.0\% | 835 | 1,142 | 5.5\% | 5.6x | 69.5 x | 13.9x | 8.8 x | 0.1\% |
| Blue Bird Corporation | BLBD | 25.60 | 88.6\% | 710 | 855 | 4.8\% | 4.8 x | 63.0x | 23.2x | 14.6x | (4.7\%) |
|  |  |  |  |  | Mean | 10.6\% | 3.5x | 29.6x | 16.4x | 12.2x |  |
| Commercial Vehicle and Off-Highway Suppliers |  |  |  |  |  |  |  |  |  |  |  |
| Eaton Corporation plc | ETN | \$ 146.63 | 98.2\% | \$ 58,197 | \$ 67,689 | 15.4\% | 3.9x | 41.2x | 24.8x | 19.1x | (1.3\%) \| |
| Cummins Inc. | CMI | 250.00 | 90.2\% | 36,340 | 38,677 | 13.1\% | 1.7 x | 19.7x | 14.2x | 10.1x | (5.4\%) |
| Ingersoll Rand Inc. | IR | 47.95 | 92.0\% | 19,958 | 22,454 | 18.1\% | 3.9x | NM | 22.3x | 19.3x | (2.6\%) \| |
| Westinghouse Air Brake Technologie | WAB | 81.59 | 94.0\% | 15,239 | 19,549 | 16.8\% | 3.6 x | 37.4x | 15.6x | 13.2x | (1.5\%) \| |
| Allison Transmission Holdings, Inc. | ALSN | 42.00 | 90.5\% | 4,496 | 6,884 | 33.2\% | 3.8 x | 17.0x | 10.2x | 8.1 x | (1.8\%) \| |
| Dana Incorporated | DAN | 26.33 | 92.6\% | 3,732 | 6,292 | 7.8\% | 4.8 x | NM | 10.9x | 6.6x | (5.6\%) |
| LCI Industries | LCII | 138.34 | 88.3\% | 3,464 | 4,351 | 12.0\% | 2.4 x | 17.1x | 11.5x | 10.3 x | (8.8\%) |
| Meritor, Inc. | MTOR | 25.81 | 76.9\% | 1,821 | 2,791 | 7.4\% | 5.2x | 31.4x | 12.0x | 6.5 x | (5.8\%) |
| Modine Manufacturing Company | MOD | 17.22 | 92.9\% | 862 | 1,245 | 8.6\% | 2.5 x | NM | 8.0x | 7.2x | (3.2\%) |
| Douglas Dynamics, Inc. | PLOW | 43.35 | 84.3\% | 973 | 1,221 | 16.3\% | 3.1 x | NM | 14.6x | 13.4x | (1.8\%) \| |
| Stoneridge, Inc. | SRI | 32.49 | 85.1\% | 888 | 996 | 5.0\% | 5.3 x | NM | NM | 17.1x | \| $2.7 \%$ |
| Commercial Vehicle Group, Inc. | CVGI | 11.44 | 84.1\% | 370 | 524 | 5.4\% | 4.4 x | NM | 12.5x | 6.4 x | (1.8\%) \| |
| Haldex AB (publ) | HLDX | 7.09 | 91.7\% | 342 | 458 | 9.8\% | 3.4 x | NM | 10.4x | $5.4 x$ | (3.5\%) 【 |
|  |  |  |  |  | Mean | 13.0\% | 3.7x | 27.3x | 13.9x | 11.0x |  |
|  |  |  |  |  | Mean | 11.1\% | 5.6x | 29.4x | 14.6x | 11.2x | Avg. $\Delta$ |
|  |  |  |  |  | Median | 10.1\% | 3.9x | 24.5x | 14.0x | 10.2x | (3.00\%) |



> The Motor Weekly ${ }^{\circledR}$ is interested to share the views and perspectives from its readership

## Please contact us at www.kensington-cap.com to inquire about having your company's message delivered to over 10,000 accounts each month

Scan here to download<br>the most recent newsletter



Disclaimers: This is not a complete analysis of every material fact regarding any company, industry or security. The opinions here reflect our judgement at this date and are subject to change. The information and statistical data contained herein have been obtained from sources that Kensington believes are reliable, but Kensington makes no representation or warranty as to the accuracy or completeness of any such information or data and expressly disclaims any and all liability relating to or resulting from your use of these materials. This material in not a research report and should not be construed as such. This material may not be distributed without Kensington's prior written approval.

