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Suppliers endure dicey times around the world

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The world's biggest auto parts suppliers have their hands full this year. But for many of them, the challenges were already piling up in 2019.

Well before the coronavirus pandemic brought down global vehicle production in March and turned suppliers' operations upside-down, the parts industry was taking it in the gut over a steep business decline in China, a protracted labor strike at General Motors and a fraught reordering of product plans in Europe where regulators are clamping down on the production of traditional CO2-emitting vehicles.

But even as parts makers navigated those market potholes last year, they managed to remain in much the same competitive ranking as they have for the past two years, according to this year's *Automotive News* top supplier ranking of the industry's largest parts companies.

Bosch, Denso, Magna, Continental and ZF Friedrichshafen remain the world's five biggest suppliers, as they have for the last two years.

Of the top 10, only two — Lear Corp. and Faurecia — changed rankings last year. They swapped positions on the list, with Faurecia now No. 8 and Lear No. 9.

"Last year we really were at the back end of a long, strong growth cycle for the automotive industry," said Dietmar Ostermann, U.S. automotive advisory leader at PwC, which tracks global automotive activity globally.

And all of last year's challenges compound the struggles suppliers now face as they tread water from pandemic-induced liquidity issues and parts shortages, he said.

"It blows enormous holes into those auto suppliers, and some of them will not make it," Ostermann said.

The results

The industry's suppliers examined their roles in electrification and autonomy last year as they looked toward the future.

"Clearly the transition of the industry and



Making its debut on the list is Marelli, formed after Fiat Chrysler Automobiles sold Magneti Marelli to Japan's Calsonic Kansei last year.

refocus of the industry started to really gain momentum and speed outside of the industry," said Jeff Schuster, LMC Automotive president of the Americas and global vehicle forecasting. "That left a lot of suppliers questioning the longevity of their business. If they were focused in the space of ICE, they're scrambling to try to transition or expand or refocus while not knowing when the market will actually flip."

Several suppliers considered significant investments in electrification, vehicle light-weighting, connected-car activity and anything related to autonomous driving last year, Ostermann said.

They seemed to place their biggest bets in electrification and self-driving commercial vehicles.

Dana Inc., the Toledo, Ohio, producer of transmissions and axles, completed its acquisition of Nordresa Motors Inc. in 2019 to gain additional capabilities in electrified powertrain systems. Last year, German parts giant ZF Friedrichshafen announced plans to acquire trucking brakes supplier Wabco Holdings Inc. ZF expects the acquisition, completed in May, will lead to a better position in self-driving commercial-vehicle development.

"People were aggressively making acquisitions; some of those probably were riskier than others," Ostermann said. "The riskier ac-

quisitions that were big to swallow hurt those suppliers now."

In Japan, Honda agreed to merge three affiliated suppliers — Keihin, Showa and Nissin Kogyo — with Hitachi Automotive Systems to create a global megasupplier of electrified vehicle drivetrains, electronic control units and other components.

"All of this at the same time created microcosms of challenges in various parts of the world," Schuster said, "and I think that's really difficult sitting on top of this need to invest in the future."

Perfect storm

Last year presented the perfect storm of megachallenges that put pressure on the supply base in an unprecedented way, Randy Miller, global advanced manufacturing and mobility leader at EY, told *Automotive News*.

As a result of troubles in China and Detroit, many suppliers reported sizable declines in revenue.

Panasonic Automotive Systems Co. sustained a nearly 22 percent decline in total global sales to automakers in 2019.

Mexican supplier Nematik, which reported major losses from the UAW strike, took a 15 percent boost in sales last year. The South Korean lighting supplier SL Corp. reported a 33 percent increase in sales from the year before.

And Thyssenkrupp fell five places to No. 21 this year after an 18 percent drop in sales.

On the flip side, some suppliers did relatively well despite the choppy circumstances.

Delphi Technologies reported a nearly 14 percent boost in sales last year. The South Korean lighting supplier SL Corp. reported a 33 percent increase in sales from the year before.

Making its debut on the list of top suppliers is Marelli — formed after Fiat Chrysler Automobiles sold its parts unit Magneti Marelli to Japan's Calsonic Kansei in a \$6.5 billion deal last year. The combination of the two companies yielded the industry's 14th largest supplier, with total global sales to automakers of

\$14.94 billion in 2019.

The gains were all the more remarkable in a year when issues clobbered companies ahead of the even more disruptive pandemic to come.

The decline in vehicle demand in China knocked sales at Lake Forest, Ill.-based supplier Tenneco, slashed full-year production forecasts for Garrett Motion and largely was responsible for slowed sales growth in the first half of the year for ZF.

The lengthy GM UAW strike hurt several suppliers. The interruption took \$57 million out of third-quarter sales at Detroit-based driveline and drivetrain supplier American Axle & Manufacturing Holdings, Inc.; dropped Nematik's third-quarter earnings and total revenue by 13 percent and 16 percent, respectively; and cost Faurecia \$25.5 million in the third quarter last year.

The enormity of stricter emission regulations in China and Europe also hit parts makers. Continental said last fall it was going to start restructuring and cutting as many as 20,000 jobs worldwide, because of European market challenges in particular.

"The continued emergence and maturity of new business models and alignment around new mobility frameworks — that evolution and the decline in investment in some of those business models — was a big contributor to the challenges," Miller said.

"When you take the strike into context of the market slowdown that we were seeing at the end of last year, then you also factor in the volatility of the trade agreements in some of the biggest markets, that's when you start to get almost a perfect storm to come together. It puts everybody in an even tougher position with COVID hitting," he said.

Ostermann observed that last year's challenges will make 2020's all the more troubling for many larger suppliers.

"They typically would have been in the financial position to survive COVID-19," he said. "If those companies right now are struggling, it is because of fundamental problems they had before." **AN**

GLOBAL - Top 100 parts suppliers worldwide, ranked by sales of original equipment parts in 2019

2019 rank	Company	Address	Top executive	Total global OEM automotive parts sales (dollars in millions) 2019	Total global OEM automotive parts sales (dollars in millions) 2018	Percent North America 2019	Percent Europe 2019	Percent Asia 2019	Percent rest of world 2019	Products	2018 rank
1	Robert Bosch (49) 711-811-0; bosch.com	Postfach 106050 Stuttgart, D-70049, Germany	Volkmar Denner chairman	\$46,555 f	\$49,525 f	18	45	36	1	Powertrain solutions; chassis systems controls; electrical drives, car multimedia, electronics, steering systems & battery technology	1
2	Denso Corp. (81) 566-25-5511; denso.com	1-1 Showo-cho Kariya-Aichi, 448-8661, Japan	Koji Arima president & CEO	41,812 fe	42,793 fe	23	11	65	1	Thermal, powertrain control, electronic & electric systems; small motors & telecommunications	2
3	Magna International Inc. (905) 726-2462; magna.com	337 Magna Drive Aurora, Ontario, L4G 7K1, Canada	Donald Walker CEO	39,431	40,827	49	44	6	1	Body, chassis, exteriors, seating, powertrain, active driver assistance, electronics, mechatronics, mirrors, lighting & roof systems	3
4	Continental (49) 511-938-01; continental.com	Vahrenwalder Strasse 9 Hanover, 30165, Germany	Elmar Degenhart CEO	35,309 f	37,803 f	26	49	22	3	Advanced driver assistance systems, electronic brakes; stability management, tires, foundation brakes, chassis systems, safety electronics, telematics, powertrain electronics, injection systems & turbochargers	4
5	ZF Friedrichshafen (49) 7541-77-0; zf.com	Loewentaler Strasse 20, Friedrichshafen, Baden-Wuerttemberg, 88046, Germany	Wolf-Henning Scheider CEO	34,229	36,929 f	29	46	21	4	Transmissions, chassis components & systems, steering systems, braking systems, clutches, dampers, active & passive safety systems, driver assist systems including camera, radar & lidar	5
6	Aisin Seiki Co. (81) 566-24-8441; aisin.co.jp	2-1 Asahi-Machi Kariya, Aichi, 448-8650, Japan	Kanshiro Toyoda chairman	33,404	34,999 f	17	10	71	2	Body, brake & chassis systems, electronics, drivetrain, & engine components	6
7	Hyundai Mobis (82) 2-2018-5114; mobis.co.kr	203 Teheran-ro, Gangnam-gu Seoul, 06141, Korea	Chung Kook Park CEO	26,155	25,624	18	13	65	4	Automotive electronics, infotainment, ADAS, EV systems, lighting, airbag, brake, steering, module systems	7
8	Faurecia (33) 1-72-36-70-00; faurecia.com	2 Rue Hennape Nanterre, 92735, France	Patrick Koller CEO	19,900	20,667	25	49	21	5	Faurecia seating, Faurecia interiors, Faurecia Clarion electronics & Faurecia clean mobility	9
9	Lear Corp. (248) 447-1500; lear.com	21557 Telegraph Road Southfield, MI 48033, USA	Raymond Scott president & CEO	19,810	21,149	37	39	20	4	Seating & electrical systems (E-Systems)	8
10	Valeo (33) 1-40-55-20-20; valeo.com	43 Rue Bayen Paris, 75017, France	Jacques Aschenbroich chairman & CEO	18,049 f	19,068 f	21	47	30	2	Automated/connected driving, sensors, electric powertrain, thermal systems, front-end modules, transmission automation, lighting & wipers	10
11	Yazaki Corp. (81) 0559-65-3002; yazaki-group.com	1500 Mishuku, Susono City, Shizuoka Prefecture, 410-1194, Japan	Shinji Yazaki president	17,600 fe	17,500 fe	30	17	53	-	Wiring harnesses, power distribution & control products, connectors, driver information displays, hybrid & electric vehicle products & sensors	11
12	Adient (734) 254-5000; adient.com	49200 Halyard Drive Plymouth, MI, 48170, USA	Doug Del Grosso president & CEO	16,526	17,400	33	27	40	-	Seating & seating systems & components	13
13	Sumitomo Electric Industries (81) 6-6220-4141; sei.co.jp	5-33 Kitahama, 4-chome, Chuo-ku Osaka City, 541-0041, Japan	Osamu Inoue president & COO	15,470 f	15,402 f	24	-	-	-	Electrical distribution systems, electronics & connection systems	14
14	Marelli (81) 48-660-2111; marelli.com	2-1917 Nisshin-cho, Kita-ku Saitama-city, Saitama, 331-8501, Japan	Beda Bolzenius CEO	14,937 f	-	26	35	36	3	Lighting, cabin comfort, electric powertrain, electronics, exhaust systems, powertrain, suspension systems & shock absorbers, thermal solutions, motorsport	-
15	Panasonic Automotive Systems Co. (81) 6-6908-1121; panasonic.net	1006, Oaza Kadoma Kadoma City, Osaka, 571-8501, Japan	Kazuhiro Tsuga president	13,633 f	17,466 f	43	16	41	-	Premium audio systems, video, music streaming service, navigation systems, compressors, batteries, motors, monitors, sensors; switches & HUDs	12
16	BASF (49) 621-60-0; basf.com	Carl-Bosch-Strasse 38 Ludwigshafen, 67056, Germany	Martin Brudermueller chairman	13,219 f	12,931 f	27	40	24	9	Coatings, catalysts, engineering plastics, polyurethanes, coolants, brake fluids, lubricants, battery materials	19
17	JTEKT Corp. (81) 52-527-1900; jtekt.co.jp	15th Floor, Midland Square, 4-7-1 Meieki Nakamura-ku, Nagoya, 450-8515, Japan	Tetsuo Agata president	13,196 fe	13,710 fe	14	21	65	-	Bearings, steering systems, driveline systems & machine tools	18
18	Aptiv (44) 163-423-4422; aptiv.com	5 Hanover, Grand Canal Dock Dublin, D02VY79, Ireland	Kevin Clark president & CEO	12,810 e	12,869	38	32	29	1	Electrical & wiring products, body controls, infotainment, safety & autonomous driving technologies	20
19	Yanfeng (86) 21-3338-1000; yanfeng.com	399 Liuzhou Road Shanghai, 200235, China	Jianxu Jia general manager	12,568	14,506	20	14	66	-	Smart cabin, interiors, exteriors, electronics, seating, safety	15
20	Mahle (49) 711-501-0; mahle.com	Pragstrasse 26-46 Stuttgart, 70376, Germany	Joerg Stratmann chairman & CEO	12,049	14,405 f	28	46	20	6	Piston systems, cylinders, valvetrains; air & liquid management systems, drives, starters & alternators, power electronics, vehicle climatization, climate compressors, engine & powertrain cooling, battery cooling; actuators	17
21	Thyssenkrupp (49) 201-8440; thyssenkrupp.com	Thyssenkrupp Allee 1 Essen, NRW, 45143, Germany	Martina Merz CEO	11,864 f	14,438 f	23	65	10	2	Steering, dampers, springs & stabilizers, camshafts, forged machined components, bearings, undercarriage components, axles, forged crankshafts steel; tailored tempering, cell & battery production lines, valve control systems	16
22	Samvardhana Motherson Group (91) 120-6679551; motherson.com	Plot No. 1, Sector 127, Noida - Greater Noida Expwy., Noida, U.P., 201301, India	Vivek Chaand Sehgal chairman	11,291 fe	11,765 fe	22	49	23	6	Rearview mirrors, plastic modules, cockpits/IPs, door trims & bumpers, wiring harnesses, plastic parts, rubber components, lighting, air intake manifolds, pedals, shock absorbers, HVAC systems & roof hatches	21

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23	Tenneco Inc. (847) 482-5000; tenneco.com	500 N. Field Drive Lake Forest, IL 60045, USA	Brian Kesseler CEO	\$11,000	\$10,001	40	35	20	5	Emission control systems, manifolds, catalytic converters, diesel aftertreatment systems, catalytic reduction mufflers, shock absorbers, struts, electronic suspension products & systems	26
24	Plastic Omnium Co. (33)1 40-87-64-00; plasticomnium.com	1 allée Pierre Burelle Levallois, 92300, France	Laurent Favre CEO	10,285	9,740	29	53	16	2	Fascias, front-end modules, rear-end modules, fenders, body panels, fuel systems, depollution systems	27
25	BorgWarner Inc. (248) 754-9200; borgwarner.com	3850 Hamlin Road Auburn Hills, MI 48326, USA	Frederic Lissalde president & CEO	10,200 f	10,530 f	35	37	28	-	Turbochargers, electric motors, control units, valve-timing systems, ignitions, emissions systems, thermal systems, transmission clutches & controls, torque management systems & rotating electric machines	22
26	Toyota Boshoku Corp. (81) 566-23-6611; toyota-boshoku.com	1-1 Toyoda-cho Kariya-shi, Aichi, 448-8651, Japan	Shuhei Toyoda chairman	10,185 fe	10,153 fe	18	6	74	2	Seats, door trim, carpet, headliners, oil & air filters, door panels, fabrics & substrates	23
27	Gestamp (34) 91-379-19-99; gestamp.com	Alfonso XII, 16 Madrid, 28014, Spain	Francisco J. Riberas executive chairman	10,150	10,096	22	58	13	7	Hoods, doors, flaps; roofs, floors, pillars, cross bars, wheel arches; battery boxes; front & rear axle components, links & arms, door stops & hinges; electrical powered systems, control drives	24
28	Schaeffler (49) 9132-82-0; schaeffler.com	Industriestrasse 1-3 Herzogenaurach, Bavaria, 91074, Germany	Klaus Rosenfeld CEO	10,148 e	10,052 e	20	49	30	1	Anti-friction bearings; engine, chassis & transmission components, wheel & axle bearings, clutch & transmission systems, dampers, e-mobility products	25
29	Flex-N-Gate Corp. (217) 278-2600; flex-n-gate.com	1306 E. University Ave. Urbana, IL 61802, USA	Shahid Khan chairman & CEO	8,887	8,343	81	18	1	-	Interior & exterior plastics, metal bumpers & hitches, structural metal assemblies, prototyping & sequencing, signal & forward lighting	31
30	Dana Inc. (419) 887-3000; dana.com	3939 Technology Drive Maumee, OH 43537, USA	James Kamsickas chairman & CEO	8,620	8,143	52	30	12	6	Axles, driveshafts, transmissions; motors, inverters, software & controls; gaskets, seals; thermal-management; motion systems; digital solutions	33
31	Autoliv Inc. (46) 8-587-20-600; autoliv.com	Klarabergsviadukten 70, Section B, 7th Flr. Stockholm, SE-107 24, Sweden	Mikael Bratt president & CEO	8,548	8,678	34	29	37	-	Airbags, seatbelts & steering wheels	29
32	Benteler Automotive (49) 5254-81-0; benteler.com	An der Talle 27-31 Paderborn, 33102, Germany	Ralf Goettel CEO	8,000	8,060	20	58	13	9	Engineering & production of components & modules for chassis, body-in-white & engine & exhaust; modular e-mobility system solutions	34
33	Mitsubishi Electric Corp. (81) 03-3218-2111; mitsubishielectric.com	2-7-3 Marunouchi, Chiyoda-ku Tokyo, 100-8310, Japan	Tekeshi Sugiyama president, CEO & representative executive officer	7,500	7,500	25	18	40	17	Engine management, ignition, audio & navigation systems; alternators & starter motors, ADAS	-
34	Hitachi Automotive Systems (81) 3-4232-5300; hitachi-automotive.co.jp	Shin-Otemachi bldg., 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, 100-0004, Japan	Brice Koch president & CEO	7,464 fe	8,755 f	30	-	-	-	Engine management, electric powertrain, drive control	30
35	Koito Manufacturing (81) 3-3443-7111; koito.co.jp	4-8-3 Takanawa, Minato-ku Tokyo, 108-8711, Japan	Masahiro Ohtake chairman & CEO	7,444 f	7,990 f	24	5	71	-	Exterior lighting	35
36	Hyundai-Transys Inc. (82) 31-369-9914; hyundai-transys.com	703-2, Galhyun-ri, Seongyoun-myun Seosan-si, Chungcheongnam-do, South Korea	Sudong Yeo CEO	7,374 f	7,573 f	22	13	63	2	Automatic, manual, dual clutch transmissions, axles, seating systems	38
37	Hyundai-WIA Corp. (82) 55-280-9114; hyundai-wia.com	Jungdong-ro 153, Changwon, Gyeongnam, 51533, South Korea	Kyung-Bae Kim president & CEO	6,979 f	7,758 f	15	5	75	5	Halfshafts, sideshafts, engines, transfer cases, power transfer units, chassis modules, axles, material parts, turbo charger	36
38	Brose Fahrzeugteile (49) 9561-21-0; brose.com	Max-Brose-Str. 1 Coburg, 96450, Germany	Ulrich Schrickel CEO	6,820	7,340	29	49	20	2	Mechatronic systems for vehicle doors & seats, electric motors, drives & electronics for steering, brakes, transmissions & engine cooling	39
39	Joyson Safety Systems (248) 373-8040; joysonsafety.com	2025 Harmon Road Auburn Hills, MI 48326, USA	Guido Durrer president & CEO	6,614	7,786 e	29	29	23	19	Seat belts, airbags, steering wheels, safety components & systems	-
40	HELLA (49) 2941 38-0; hella.com	Rixbecker Str. 75 Lippstadt, 59552, Germany	Rolf Breidenbach president & CEO	6,547 f	6,403 f	22	61	17	-	Electronic & lighting components & systems	42
41	American Axle & Mfg. Holdings Inc. (313) 758-2000; aam.com	One Dauch Drive Detroit, MI 48211, USA	David C. Dauch chairman & CEO	6,531	7,270	80	9	9	2	Driveline, drivetrain systems, metal forming & casting components	40
42	Hanon Systems (82) 42-930-6114; hanonsystems.com	95, Sinilseo-ro, Daedeok-gu Daejeon, Korea	Jay Son president & CEO	6,137	5,396	27	37	35	1	Thermal & energy management; heating ventilation & air conditioning; powertrain cooling; compressors; fluid transport; electronics & fluid pressure solutions for electrified & conventional vehicles	46
43	GKN Automotive (44) 0-207-463-2351; gknautomotive.com	50 Pall Mall, St. James's, London, SW1Y 5JH, UK	Liam Butterworth CEO	6,091	6,450	33	38	26	3	AWD systems, eDrive systems, driveline halfshafts & driveshafts	43
44	Toyoda Gosei Co. (81) 052-400-1055; toyoda-gosei.co.jp	1 Haruhinagahata Kiyosu Aichi, 452-8564, Japan	Naoki Miyazaki chairman	6,032 fe	7,642 f	27	4	66	3	Safety, sealing & interior systems; optoelectronics, exterior trim, rubber/plastic functionals, fuel systems	37

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45	JATCO (81) 545-51-0047; jatco.co.jp	700-1, Imaizumi Fuji City, Shizuoka, 417-8585, Japan	Teruaki Nakatsuka president & CEO	\$5,973 f	\$6,812 f	32	2	66	-	Automatic transmissions, continuously variable transmissions	41
46	Grupo Antolin (34) 947-47-7700; grupoantolin.com	Ctra. Madrid-Irun Km. 244'8 Burgos, E09007, Spain	Ernesto Antolin chairman	5,837	6,072	38	51	9	2	Overhead systems, door module & panels, window regulators, interior & exterior lighting, cockpits	44
47	Eberspaecher Gruppe (49) 711-939-00; eberspaecher.com	Eberspaecherstrasse 24, Esslingen, Baden-Wuerttemberg, 73730, Germany	Heinrich Baumann, COO & Martin Peters, CFO & managing partners	5,559 f	5,445 f	20	66	14	-	Silencers, catalytic converters, particulate filters, manifolds, vehicle heaters, electrical vehicle heaters, automotive electronics, battery management systems, thermmanagement	45
48	Draexlmaier Group (49) 8741-47-0; draexlmaier.com	Landshuter Strasse 100 Vilsbiburg, Bavaria, 84137, Germany	Martin Gall Co-CEO	5,167 e	5,060 e	27	-	-	-	Electrical systems, electrical & electronic components, interiors, system assembly, battery systems	48
49	Mando Corp. (82) 31-680-6114; mando.com	32, Hamanho-gil, Poseung-eup, Pyeongtaek-si, Gyeonggi-do, 451-821, South Korea	M. W. Chung chairman	4,893	4,967	19	4	76	1	Brakes, steering, suspension, radar, camera, ultrasonic, on board chargers & components, advanced highly automated driving chassis systems	47
50	Freudenberg Group (49) 6201-80-0; freudenberg.com	Hoehnerweg 2-4 Weinheim, 69469, Germany	Mohsen Sohi CEO, speaker of the management board	4,664	4,906	27	46	22	5	Seals, precision molded components, vibration control, filtration, automotive interior, lubricants, release agents	50
51	Delphi Technologies (44) 020-305-74300; delphi.com	1 Angel Court London, EC2R 7HJ, UK	Rick Dauch CEO	4,400	3,863 e	28	45	24	3	Powertrain & aftermarket parts business	62
52	NTN Corp. (81) 6-6443-5001; ntn.co.jp	3-17, 1-chome, Kyomachibori, Nishi-ku Osaka, 550-0003, Japan	Hiroshi Ohkubo chairman & CEO	4,380 fe	4,798 fe	27	23	50	-	Automotive constant velocity joints, axle bearings, needle roller bearings, tapered roller bearings, intelligent in-wheel parts for EVs	51
53	NSK (81) 3-3779-7111; nsk.com	Nissei Bldg., 1-6-3 Ohsaki, Shinagawa-ku Tokyo, 141-8560, Japan	Toshihiro Uchiyama president & CEO	4,317 fe	5,010 fe	16	13	70	1	Bearings, hub bearings, steering columns, electric power steering, automatic transmissions products	49
54	Tokai Rika Co. (81) 587-95-5211; tokai-rika.co.jp	3-260 Toyota, Oguchi-Cho Niwa-gun, Aichi, 480-0195, Japan	Kenji Miura president	4,198 fe	4,106 f	20	5	73	2	Switches, heater control panels, gear shifters, key cylinder & lock sets, seat belts, outer door mirrors, immobilizer systems	55
55	Webasto (49) 89-857-940; webasto-group.com	Krailling Strasse 5 Stockdorf, Bavaria, 82131, Germany	Holger Engelmann chairman of the management board	4,195 fe	4,049 fe	16	36	46	2	Sunroofs, panorama roof systems, convertible roof systems, parking heaters, battery systems, charging systems	58
56	Infineon Technologies (49) 89-234-0; infineon.com	Am Campeon 1-15 Neubiberg, 85579, Germany	Reinhard Ploss CEO	4,157	4,210	16	39	40	5	Microcontrollers, intelligent sensors; power semiconductors & power modules for powertrain (combustion, hybrid, electric); safety; security & body & convenience applications	54
57	BHAP (86) 10-63173722; bhap.com.cn	Beijing Motor Tower, No. 25 E. 3rd Ring S. Road, Beijing, 100021, China	Bao Chen president & CEO	4,045 f	3,869 f	13	17	70	-	Interior & exterior system, electronics & electrical system, chassis system, power system, body & other systems, new energy & lightweight product	61
58	Nemak (52) 81-8748-5200; nemak.com	Libramiento Arco Vial Km. 6.8 Garcia, NL, 66000, Mexico	Armando Tamez CEO	4,017	4,704	55	36	-	9	Lightweight propulsion, structural & EV components	52
59	CIE Automotive (34) 94-605-48-35; cieautomotive.com	Alameda Mazarredo 69- 8C Bilbao, Vizcaya, 48009, Spain	Jesus Maria Herrera CEO	3,890 e	3,578	27	42	22	9	Transmissions, powertrain parts, brakes & chassis, interior & exterior trim, roof systems	66
60	Linamar Corp. (519) 836-7550; linamar.com	287 Speedvale Ave. W. Guelph, Ontario, N1H 1C5, Canada	Linda Hasenfratz CEO	3,852	4,068	55	34	9	2	Engine camshafts, connecting rods, cylinder heads & blocks, balance shaft assemblies, fuel rails, transmission gears, differentials, clutch modules, shafts & shell assemblies, all-wheel-drive systems & e-Axles	57
61	TI Fluid Systems (44) 1865-871820; tifs.com	4650 Kingsgate Oxford, OX4 2SU, UK	Bill Kozyra president & CEO	3,819 e	3,983 e	28	40	30	2	Automotive fluid systems technology	59
62	IAC Group (35) 2-267504-0; iacgroup.com	Le Dome, 2 Ave. Charles de Gaulle, 6th Flr. Grand Duchy, L-1653, Luxembourg	Manfred Gingl CEO	3,654	4,122	41	54	5	-	Cockpits including instrument panels, consoles, doors, headliners & overhead systems	56
63	Nexteer Automotive (248) 340-8200; nexteer.com	1272 Doris Road Auburn Hills, MI 48326, USA	Guibin Zhao CEO	3,576	3,912	69	14	18	-	Electric power steering, hydraulic power steering, steering columns & intermediate shafts, driveline systems, ADAS & AD enabling technologies	60
64	TS Tech Co. (81) 48-462-1121; tstech.co.jp	3-7-27 Sakae-cho Asaka-shi, Saitama-ken, 351-0012, Japan	Masanari Yasuda president	3,575 f	4,115 f	46	-	-	54	Seats, door liners & other automotive interior components	53
65	NHK Spring Co. (81) 45-786-7511; nhkspg.co.jp	3-10 Fukuura, Kanazawa-ku Yokohama, 236-0004, Japan	Kazumi Tamamura chairman	3,501 fe	3,431 fe	11	4	85	-	Stabilizer bars, coil springs, seats & valve springs	67
66	CITIC Dicastal Co. (86) 335-5358548; dicastal.com	No.185 Longhai Road Qinhuangdao, Hebei, 066011, China	Zuo Xu chairman	3,472 f	3,580 f	26	17	56	1	Aluminum alloy wheels, aluminum casting parts	65
67	Garrett Motion Inc. (41) 21-695-30-00; garrettmotion.com	Z.A. La Piece 16 Rolle, VD, 1180, Switzerland	Olivier Rabiller president & CEO	3,248	3,375	15	56	28	1	Turbochargers & electric boosting products, e-compressors, e-turbos & fuel cell compressors; software solutions for controls, prognostic integrated vehicle health management & cybersecurity	68
68	Cooper-Standard Automotive (248) 596-5900; cooperstandard.com	40300 Traditions Drive Northville, MI 48168, USA	Jeffrey Edwards chairman & CEO	3,100 f	3,629 f	53	28	16	3	Systems & components, rubber & plastic sealing, fuel & brake lines, fluid transfer hoses & anti-vibration systems	64

e = estimate f = fiscal year fe = fiscal year estimate

GLOBAL - Top 100 parts suppliers worldwide, ranked by sales of original equipment parts in 2019

2019 rank	Company	Address	Top executive	Total global automotive parts sales (dollars in millions) 2019	Total global automotive parts sales (dollars in millions) 2018	Percent North America 2019	Percent Europe 2019	Percent Asia 2019	Percent rest of world 2019	Products	2018 rank
69	Visteon Corp. (800) 847-8366; visteon.com	One Village Center Drive Van Buren Township, MI 48111, USA	Sachin Lawande president & CEO	\$2,945 f	\$2,984 f	25	32	43	-	Cockpit electronics: instrument clusters, head-up & information displays, infotainment, connected audio & connectivity & telematics	72
70	Mitsuba Corp. (81) 277-52-0111; mitsuba.co.jp	2681, 1-Chome, Hiroosawa-Cho, Kiryu, Gunma Prefecture, 376-8555, Japan	Katsuyoshi Kitada president	2,909 fe	3,004 fe	25	6	69	-	Wiper systems, power window motors, starter motors, fan motors, 70 seat motors, sunroof motors, power slide door assemblies, power tailgate systems & electric power steering motor	70
71	Leopold Kostal (49) 2351-16-0; kostal.com	An der Bellmerlei 10 Luedenscheid, NRW, 58513, Germany	Andreas Kostal chairman	2,866 e	2,884	16	50	30	4	Steering column & center console modules, driver assistance, body network controls, interior controls, power application control units, roof modules & switch panels	74
72	Piston Group (313) 541-8674; pistongroup.com	3000 Town Center #3250 Southfield, MI 48075, USA	Vinnie Johnson founder, chairman & CEO	2,851	2,844 f	99	1	-	-	Batteries, cooling modules, brake corners, grilles, shocks, IPs, seat trim & parts, sun visors, shades, injection molding, brazed evaporator heater cores, HVAC units	76
73	Asahi Glass Co. (81) 3-3218-5555; agc-automotive.com	1-5-1, Marunouchi, Chiyoda-ku Tokyo, 100-8405, Japan	Takuya Shimamura president, CEO & representative director	2,849 fe	2,883 fe	16	29	53	2	Glazing systems	75
74	Sumitomo Riko Co. (81) 568-77-2121; tokai.co.jp	3-1 Higashi, Komaki Komaki City, Aichi, 485-8550, Japan	Tetsu Matsui president, CEO & representative director	2,840 fe	3,650 fe	22	12	65	1	Anti-vibration molded rubber, fuel delivery systems	79
75	Novelis Inc. (404) 760-4000; novelis.com	3560 Lenox Road N.E., Ste. 2000 Atlanta, GA 30326, USA	Steve Fisher president & CEO	2,718 f	2,947 fe	56	36	8	-	Flat-rolled aluminum sheet for vehicle structures, body panels, heat exchangers, heat shields & other automotive applications	73
76	Flex (408) 576-7000; flex.com	6201 America Center Drive San Jose, CA 95002, USA	Revathi Advaiti CEO	2,700 f	2,800 f	46	21	33	-	Autonomy, Connectivity, Electrification, Smart Tech	71
77	Martinrea International Inc. (416) 749-0314; martinrea.com	3210 Langstaff Road Vaughan, Ontario, L4K 5B2, Canada	Pat D'Eramo president & CEO	2,596	2,641	79	18	2	1	Lightweight structures & propulsion systems	78
78	Arconic Corp. (412) 992-2500; arconic.com	201 Isabella St. Pittsburgh, PA 15212, USA	Tim Myers CEO	2,545 e	2,692 e	85	15	-	-	Aluminum sheet for closure panels, hoods & trunks, bumper systems & crash management systems; extrusions for drive shafts	84
79	Johnson Electric Group (852) 2663-6688; johnsonelectric.com	6/F, 12 Science Park E. Ave., Hong Kong Science Park, Shatin, NT, Hong Kong, China	Patrick Wang CEO	2,497 f	2,530 f	33	34	33	-	Cooling fan modules, engine & transmission oil pumps, electric oil pumps, engine actuators & valves, power steering motors, HVAC & lighting actuators, electric motors, switches, solenoids & flexible PCBs	80
80	Iochpe-Maxion (55) 11-5508-3800; iochpe.com	Rua Luigi Galvani 146-13 andar Sao Paulo, SP, 04575-020, Brazil	Marcos Oliveira president & CEO	2,470 f	2,552 f	30	34	9	27	Wheels, structural components	-
81	Autoneum (41) 52-244-82-82; autoneum.com	Schlossalstrasse 43 8406 Winterthur, Switzerland	Matthias Holzammer CEO	2,365 fe	2,236 f	44	39	12	5	Engine covers & encapsulations; hoodliners, inner & outer dashes; carpets, flooring & insulators; shields & floor pans, wheelhouse outer liners; dampers, stiffeners, acoustic parts	82
82	Alps Alpine (81) 3-3726-1211; alpsalpine.com	1-7, Yukigaya-otsukamachi, Ota-ku Tokyo, 145-8501, Japan	Toshihiro Kuriyama president & CEO	2,294 fe	2,139 fe	27	52	2	19	Head units, sound products	-
83	Kautex Textron (49) 228-488-0; kautex.com	Kautexstr. 52 Bonn, D-53229, Germany	Joerg Rautenstrauch president & CEO	2,183 e	2,285 e	42	42	-	16	Fuel tank systems, pressurized hybrid fuel systems, camera & sensor cleaning solutions, selective catalytic reduction systems, camshafts, packaging	81
84	NGK Spark Plugs (81) 52-872-5915; ngkntk.co.jp	14-18, Takatsuji-cho, Mizuho-ku Nagoya, Aichi-ken, 467-8525, Japan	Takeshi Kawai president & CEO	2,100 fe	2,090 fe	28	27	34	11	Manufacturing & selling spark plugs & related products for internal-combustion engines such as glow plugs & oxygen, NOx & temperature sensors	-
85	Bridgewater Interiors (313) 842-3300; bridgewater-interiors.com	4617 W. Fort St. Detroit, MI 48209, USA	Ronald Hall president & CEO	2,052 f	1,969 f	100	-	-	-	Automotive seating systems	85
86	Minth Group (86) 573-83685960; minth.com.cn	No.1 Yazhong Road, Asia Pacific Industrial Park, Nanhu District, Jiaxing, Zhejiang, 314006, China	Jonghwa Chin chairman	2,003 f	1,902	21	17	62	-	Trims, body structural parts, decorative parts, roof rack, seat system, battery housing, ACC Radome	86
87	Clarios (414) 524-1200; clarios.com	5757 N. Green Bay Ave., Florist Tower Milwaukee, WI 53209	Mark Wallace president & CEO	2,000	-	40	35	20	5	Battery technologies that support virtually all passenger, commercial & recreational vehicle platforms, including start-stop, mild-hybrid, electric & autonomous	-
88	Hyundai Kefico Corp. (82) 31-450-9015; hyundai-kefico.com	102 Gosan-ro, Gunpo-si Gyeonggi-Do, Korea	ChangSeob Bang CEO	1,898	1,754	12	13	70	5	Automotive electronic management systems-control units, sensors, actuators, modules	91
89	SL Corp. (82) 53 856 8511; slworld.com	32, Geomdangongdan-ro, Buk-gu, Daegu, Gyeongsangbuk-do, 41514, Republic of Korea	Sung Yup Lee president	1,883 f	1,412 f	25	2	72	1	Exterior lighting (head lamp, tail lamp, front/rear for lamp, high mounted stop lamp) for passenger cars & commercial vehicles	-
90	Wuling Industry (86) 0772-3755060; wuling.com.cn	No.18 Hexi Road, Liuzhou, Guangxi, 545007, China	Zhijun Yuan president	1,816 f	1,812 f	-	-	100	-	Chassis, interior & exterior trim, engine parts	89

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GLOBAL - Top 100 parts suppliers worldwide, ranked by sales of original equipment parts in 2019

2019 rank	Company	Address	Top executive	Total global OEM automotive parts sales (dollars in millions) 2019	Total global OEM automotive parts sales (dollars in millions) 2018	Percent North America 2019	Percent Europe 2019	Percent Asia 2019	Percent rest of world 2019	Products	2018 rank
91	Gentex Corp. (616) 772-1800; gentex.com	600 N. Centennial St. Zeeland, MI 49464, USA	Steve Downing president & CEO	\$1,810 f	\$1,791 f	32	46	22	-	Interior & exterior auto-dimming rearview mirrors; SmartBeam HBA & DFL advanced lighting-assist, full display mirrors, cameras, rear camera displays, compasses, LED turn signals, indicators, driver assist features	90
92	Constellium (33) 0-1 73 01 46 00; constellium.com	40-44, rue Washington Paris, 75008, France	Jean-Marc Germain CEO	1,806	1,595	36	62	2	-	Aluminum crash management systems, body structure components & battery enclosures; aluminum auto body sheet for closures & body panels, heat exchangers & decorative solutions, aluminum profiles for ABS brakes	94
93	Ryobi (81) 847-41-1341; ryobi.com	762 Mesaki-cho, Fuchu-shi, Hiroshima-ken, 726-8628, Japan	Akira Urakami chairman & CEO	1,711 f	1,848 f	24	8	68	-	Aluminum high pressure die castings, powertrain & structural components	88
94	Seoyon E-wha (82) 31-420-3200; seoyoneh.com	41-22, Burim-ro 170beon-gil, Dongan-gu Anyang-si, Gyeonggi-do, 14055, Korea	Kim Keun Sik CEO	1,695 f	1,683 f	13	18	44	25	Door trim, seat, package tray, console, instrument panel, head lining, bumper	-
95	Preh (49) 9771 92-0; preh.com	Schweinfurter Strasse 5-9, Bad Neustadt a.d., Saale, Bavaria, 97616, Germany	Michael Roesnick president & CEO	1,663	1,556	15	73	12	-	Climate controls, central controllers, ECUs, switches, sensors, HMI systems, navigation & telematics systems, battery management systems	96
96	Inteva Products (248) 655-8886; intevaproducts.com	1401 Crooks Road Troy, MI 48084, USA	Lon Offenbacher president & CEO	1,654 f	2,800 f	50	20	30	-	Closure Systems, Interior Systems, Motors & Electronic Systems	77
97	Multimatic Inc. (905) 470-9149; multimatic.com	8688 Woodbine Ave. Markham, Ontario, L3R 8B9, Canada	Peter Czapka CEO	1,650 e	1,650 e	88	9	2	1	Hinge System Products, Stamped Welded Assemblies, Suspension System Components, Niche Vehicle Assembly & Engineering Services	93
98	Anhui Zhongding Sealing Parts Co. (86) 563-4181887; hongdinggroup.com	Economic & Technical Development Zone Ningguo, Anhui, 242300, China	Dinghu Xia chairman	1,569	1,714	17	45	37	1	Sealing parts, rubber products	92
99	Varroc Lighting Systems (734) 446-4400; varroclighting.com	47828 Halyard Drive Plymouth, MI 48170, USA	Stephane Védie president & CEO	1,200	937 f	20	65	10	5	headlamps, signal lamps, auxiliary lamps & electronic control modules	-
100	Shiloh Industries Inc. (330) 558-2600; shiloh.com	880 Steel Drive Valley City, OH 44280, USA	Cloyd Abruzzo interim CEO	1,054 fe	1,140 fe	70	24	6	-	Lightweight, noise, vibration & harshness solutions for body & interiors, chassis & propulsion systems	-

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INDEX	Adient.....	12	Draexlmaier Group.....	48	JTEKT Corp.....	17	Preh.....	95
	Aisin Seiki Co.....	6	Eberspaecher Gruppe.....	47	Kautex Textron.....	83	Robert Bosch.....	1
	Alps Alpine.....	82	Faurecia.....	8	Koito Manufacturing.....	35	Ryobi.....	93
	American Axle & Manufacturing Holdings Inc.....	41	Flex.....	76	Lear Corp.....	9	Samvardhana Motherson Group.....	22
	Anhui Zhongding Sealing Parts Co.....	98	Flex-N-Gate Corp.....	29	Leopold Kostal.....	71	Schaeffler.....	28
	Aptiv.....	18	Freudenberg Group.....	50	Linamar Corp.....	60	Seoyon E-wha.....	94
	Arconic Corp.....	78	Garrett Motion Inc.....	67	Magna International Inc.....	3	Shiloh Industries Inc.....	100
	Asahi Glass Co.....	73	Gentex Corp.....	91	Mahle.....	20	SL Corp.....	89
	Autoliv Inc.....	31	Gestamp.....	27	Mando Corp.....	49	Sumitomo Electric Industries.....	13
	Autoneum.....	81	GKN Automotive.....	43	Marelli.....	14	Sumitomo Riko Co.....	74
	BASF.....	16	Grupo Antolin.....	46	Martinrea International Inc.....	77	Tenneco Inc.....	23
	Benteler Automotive.....	32	Hanon Systems.....	42	Minth Group.....	86	Thyssenkrupp.....	21
	BHAP.....	57	HELLA.....	40	Mitsuba Corp.....	70	TI Fluid Systems.....	61
	BorgWarner Inc.....	25	Hitachi Automotive Systems.....	34	Mitsubishi Electric Corp.....	33	Tokai Rika Co.....	54
	Bridgewater Interiors.....	85	Hyundai Kefico Corp.....	88	Multimatic Inc.....	97	Toyota Gosei Co.....	44
	Brose Fahrzeugteile.....	38	Hyundai Mobis.....	7	Nemak.....	58	Toyota Boshoku Corp.....	26
	CIE Automotive.....	59	Hyundai-Transys Inc.....	36	Nexteer Automotive.....	63	TS Tech Co.....	64
	CITIC Dicastal Co.....	66	Hyundai-WIA Corp.....	37	NGK Spark Plugs.....	84	Valeo.....	10
	Clarion.....	87	IAC Group.....	62	NHK Spring Co.....	65	Varroc Lighting Systems.....	99
	Constellium.....	92	Infineon Technologies.....	56	Novelis Inc.....	75	Visteon Corp.....	69
Continental.....	4	Inteva Products.....	96	NSK.....	53	Webasto.....	55	
Cooper-Standard Automotive.....	68	Iochepe-Maxion.....	80	NTN Corp.....	52	Wuling Industry.....	90	
Dana Inc.....	30	JATCO.....	45	Panasonic Automotive Systems Co.....	15	Yanfeng.....	19	
Delphi Technologies.....	51	Johnson Electric Group.....	79	Piston Group.....	72	Yazaki Corp.....	11	
Denso Corp.....	2	Joyson Safety Systems.....	39	Plastic Omnium Co.....	24	ZF Friedrichshafen.....	5	

EUROPE - Top 50 suppliers to Europe, ranked by sales of original equipment parts in 2019

2019 rank	Company	Address	Top executive	Total Europe OEM automotive parts sales (dollars in millions) 2019	Total Europe OEM automotive parts sales (dollars in millions) 2018	Total global OEM automotive parts sales (dollars in millions) 2019	Total global OEM automotive parts sales (dollars in millions) 2018	Products	2018 rank
1	Robert Bosch (49) 711-811-0; bosch.com	Postfach 106050 Stuttgart, D-70049, Germany	Volkmar Denner chairman	\$20,950 f	\$22,286 f	\$46,555 f	\$49,525 f	Powertrain solutions; chassis systems controls; electrical drives, car multimedia, electronics, steering systems & battery technology	1
2	Magna International Inc. (905) 726-2462; magna.com	337 Magna Drive Aurora, Ontario L4G 7K1, Canada	Donald Walker CEO	17,350	17,147	39,431	40,827	Body, chassis, exteriors, seating, powertrain, active driver assistance, electronics, mechatronics, mirrors, lighting & roof systems	4
3	Continental (49) 511-938-01; continental.com	Vahrenwalder Strasse 9 Hanover, 30165, Germany	Elmar Degenhart CEO	17,301 f	18,523 f	35,309 f	37,803 f	Advanced driver assistance systems, electronic brakes; stability management, tires, foundation brakes, chassis systems, safety electronics, telematics, powertrain electronics, injection systems & turbochargers	2
4	ZF Friedrichshafen (49) 7541-77-0; zf.com	Loewentaler Strasse 20 Friedrichshafen, Baden-Wuerttemberg 88046, Germany	Wolf-Henning Scheider CEO	15,745	17,357 f	34,229	36,929 f	Transmissions, chassis components & systems, steering systems, braking systems, clutches, dampers, active & passive safety systems, driver assist systems including camera, radar & lidar	3
5	Faurecia (33) 1-72-36-70-00; faurecia.com	2 Rue Hennape Nanterre, 92735, France	Patrick Koller CEO	9,751	10,540	19,900	20,667	Faurecia seating, Faurecia interiors, Faurecia Clarion electronics & Faurecia clean mobility.	5
6	Valeo (33) 1-40-55-20-20; valeo.com	43 Rue Bayen Paris, 75017, France	Jacques Aschenbroich chairman & CEO	8,483 f	8,771 f	18,049 f	19,068 f	Automated/connected driving, sensors, electric powertrain, thermal systems, front-end modules, transmission automation, lighting, wipers	7
7	Lear Corp. (248) 447-1500; lear.com	21557 Telegraph Road Southfield, MI 48033, USA	Raymond Scott president & CEO	7,726	8,671	19,810	21,149	Seating & electrical systems (E-Systems)	8
8	Thyssenkrupp (49) 201 8440; thyssenkrupp.com	Thyssenkrupp Allee 1 Essen, NRW 45143, Germany	Martina Merz CEO	7,725 f	9,374 f	11,864 f	14,438 f	Steering, dampers, springs & stabilizers, camshafts, forged machined components, axles, e-engine components, forged crankshafts & drivetrain components; steel; tailored tempering, cell & battery production lines, valve control systems	6
9	Gestamp (34) 91-379-19-99; gestamp.com	Alfonso XII, 16 Madrid, 28014, Spain	Francisco J. Riberas executive chairman	5,887	6,260	10,150	10,096	Metal components & assemblies, body-in-white, chassis & mechanisms	10
10	Mahle (49) 711-501-0; mahle.com	Pragstrasse 26-46 Stuttgart, 70376, Germany	Joerg Stratmann chairman & CEO	5,542	6,914 f	12,049	14,405 f	Piston systems, cylinders, valvetrains; air & liquid management systems, drives, starters & alternators, power electronics, vehicle climatization, climate compressors, engine & powertrain cooling, battery cooling; actuators, electric	9
11	Samvardhana Motherson Group (91) 120-6679551; motherson.com	Plot No. 1, Sector 127, Noida - Greater Noida Expwy., Noida, U.P., 201301, India	Vivek Chaand Sehgal chairman	5,533 fe	5,871 fe	11,291 fe	11,765 fe	Rearview mirrors, plastic modules, cockpits/IPs, door trims & bumpers, wiring harnesses, plastic parts, rubber components, lighting, air intake manifolds, pedals, shock absorbers, HVAC systems & roof hatches	11
12	Plastic Omnium Co. (33) 1 40-87-64-00; plasticomnium.com	1 allée Pierre Burelle Levallois, 92300, France	Laurent Favre CEO	5,451	5,357	10,285	9,740	Fascias, front-end modules, rear-end modules, fenders, body panels, 13 fuel systems, depollution systems	13
13	BASF (49) 621-60-0; basf.com	Carl-Bosch-Strasse 38 Ludwigshafen, 67056, Germany	Martin Brudermueller chairman of the board of executive directors	5,288 f	5,431 f	13,219 f	12,931 f	Coatings, catalysts, engineering plastics, polyurethanes, coolants, brake fluids, lubricants, battery materials	12
14	Marelli (81) 48-660-2111; marelli.com	2-1917 Nissin-cho, Kita-ku Saitama-city, Saitama 331-8501, Japan	Beda Bolzenius CEO	5,258 f	-	14,937 f	-	Lighting, cabin comfort, electric powertrain, electronics, exhaust systems, - powertrain, suspension systems & shock absorbers, thermal solutions, motorsport	-
15	Schaeffler (49) 91321-82-0; schaeffler.com	Industriestrasse 1-3 Herzogenaurach, Bavaria 91074, Germany	Klaus Rosenfeld CEO	4,922 e	5,026 e	10,148 e	10,052 e	Anti-friction bearings; engine, chassis & transmission components, wheel & axle bearings, clutch & transmission systems, dampers, e-mobility products	16
16	Benteler Automotive (49) 5254-81-0; benteler.com	An der Talle 27-31 Paderborn, 33102, Germany	Ralf Goettel CEO	4,640	4,917	8,000	8,060	Engineering & production of components & modules for chassis, body-in-white & engine & exhaust; modular e-mobility system solutions.	17
17	Denso Corp. (81) 566-25-5511; denso.com	1-1 Showo-cho Kariya-Aichi, 448-8661, Japan	Koji Arima president & CEO	4,628 fe	5,052 fe	41,812 fe	42,793 fe	Thermal, powertrain control, electronic & electric systems; small motors, telecommunications	14
18	Adient (734) 254-5000; adient.com	49200 Halyard Drive Plymouth, MI 48170, USA	Doug Del Grosso president & CEO	4,462	4,698	16,526	17,400	Seating & seating systems & components	18
19	Aptiv (44) 163-423-4422; aptiv.com	5 Hanover, Grand Canal Dock Dublin, D02VY79, Ireland	Kevin Clark president & CEO	4,099 e	3,989	12,810 e	12,869	Electrical & wiring products, body controls, infotainment, safety & autonomous driving technologies	21
20	HELLA (49) 2941 38-0; hella.com	Rixbecker Str. 75 Lippstadt, 59552, Germany	Rolf Breidenbach president & CEO	3,994 f	3,906 f	6,547 f	6,403 f	Electronic & lighting components & systems	19
21	Tenneco Inc. (847) 482-5000; tenneco.com	500 N. Field Drive Lake Forest, IL 60045, USA	Brian Kessler CEO	3,850	3,700	11,000	10,001	Emission control systems, manifolds, catalytic converters, diesel aftertreatment systems, catalytic reduction mufflers, shock absorbers, struts, electronic suspension products & systems	22
22	BorgWarner Inc. (248) 754-9200; borgwarner.com	3850 Hamlin Road Auburn Hills, MI 48326, USA	Frederic Lissalde president & CEO	3,774 f	4,001 f	10,200 f	10,530 f	Turbochargers, electric motors, control units, valve-timing systems, ignitions, 20 emissions systems, thermal systems, transmission clutches & controls, torque management systems & rotating electric machines	20
23	Eberspaecher Gruppe (49) 711-939-00; eberspaecher.com	Eberspaecherstrasse 24, Esslingen, Baden-Wuerttemberg 73730, Germany	Heinrich Baumann, COO & Martin Peters, CFO & managing partners	3,669 f	3,594 f	5,559 f	5,445 f	Silencers, catalytic converters, particulate filters, manifolds, vehicle heaters, electrical vehicle heaters & electronics	24
24	Aisin Seiki Co. (81) 566-24-8441; aisin.co.jp	2-1 Asahi-Machi Kariya, Aichi 448-8650, Japan	Kanshiro Toyoda chairman	3,474	3,290 f	33,404	34,999 f	Body, brake & chassis systems, electronics, drivetrain, & engine components	25
25	Hyundai Mobis (82) 2-2018-5114; mobis.co.kr	203 Teheran-ro, Gangnam-gu Seoul, 06141, Korea	Chung Kook Park CEO	3,416	2,383	26,155	25,624	Automotive electronics, infotainment, ADAS, EV systems, lighting, airbag, brake, steering, module systems	31

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26	Brose Fahrzeugteile (49) 9561-21-0; brose.com	Max-Brose-Str. 1 Coburg, 96450, Germany	Ulrich Schrickel CEO	\$3,342	\$3,670	\$6,820	\$7,340	Mechatronic systems for vehicle doors & seats, electric motors, drives & electronics for steering, brakes, transmissions & engine cooling	23
27	Yazaki Corp. (81) 0559-65-3002; yazaki-group.com	1500 Mishuku, Susono City, Shizuoka Prefecture 410-1194, Japan	Shinji Yazaki president	3,062 fe	3,010 fe	17,600 fe	17,500 fe	Wiring harnesses, power distribution & control products, connectors, driver information displays, hybrid & electric vehicle products, & sensors	27
28	Grupo Antolin (34) 947-47-7700; grupoantolin.com	Ctra. Madrid-Irun Km. 244'8 Burgos, E09007, Spain	Ernesto Antolin chairman	2,959	3,060	5,837	6,072	Overhead systems, door module & panels, window regulators, interior & exterior lighting, cockpits	26
29	JTEKT Corp. (81) 52-527-1900; jtekt.co.jp	15th Floor, Midland Square, 4-7-1 Meieki Nakamura-ku, Nagoya 450-8515, Japan	Tetsuo Agata president	2,732 fe	2,194 fe	13,196 fe	13,710 fe	Bearings, steering systems, driveline systems & machine tools	34
30	Dana Inc. (419) 887-3000; dana.com	3939 Technology Drive Maumee, OH 43537, USA	James Kamsickas chairman & CEO	2,586 f	2,524 f	8,620	8,143 f	Axles, driveshafts, transmissions; motors, inverters, software & controls; gaskets, seals; thermal-management; motion systems; digital solutions	30
31	Autoliv Inc. (46) 8-587-20-600; autoliv.com	Klarabergsviadukten 70, Section B, 7th Fl. Stockholm, SE-107 24, Sweden	Mikael Bratt president & CEO	2,479	2,690	8,548	8,678	Airbags, seatbelts & steering wheels	29
32	GKN Automotive (44) 0 207 463 2351; gknautomotive.com	50 Pall Mall, St. James's, London, SW1Y 5JH, UK	Liam Butterworth CEO	2,315	2,322	6,091	6,450	AWD systems, eDrive systems, driveline halfshafts & driveshafts	33
33	Hanon Systems (82) 42-930-6114; hanonsystems.com	95, Sinilseo-ro, Daedeok-gu Daejeon, Korea	Jay Son president & CEO	2,271	1,781	6,137	5,396	Thermal & energy management; heating ventilation & air conditioning; powertrain cooling; compressors; fluid transport & electronics & fluid pressure solutions for electrified & conventional vehicles	38
34	Panasonic Automotive Systems Co. (81) 6-6908-1121; panasonic.net	1006, Oaza Kadoma Kadoma City, Osaka 571-8501, Japan	Kazuhiro Tsuga president	2,181 f	2,795 f	13,633 f	17,466 f	Premium audio systems, video, music streaming service, navigation systems, compressors, batteries, motors, monitors, sensors; switches & HUDs	28
35	Freudenberg Group (49) 6201-80-0; freudenberg.com	Hoehnerweg 2-4 Weinheim, 69469, Germany	Mohsen Sohi CEO, speaker of the management board	2,145	2,355	4,664	4,906	Seals, precision molded components, vibration control, filtration, automotive interior, lubricants, release agents	32
36	IAC Group (35) 2-267504-0; iacgroup.com	Le Dome, 2 Ave. Charles de Gaulle, 6th Fl. Grand Duchy, L-1653, Luxembourg	Manfred Gingl CEO	1,973	2,020	3,654	4,122	Cockpits including instrument panels, consoles, doors headliners & overhead systems	35
37	Delphi Technologies (44) 020-305-74300; delphi.com	1 Angel Court London, EC2R 7HJ, UK	Rick Dauch CEO	1,971 e	1,673 e	4,400	3,863 e	Powertrain & aftermarket parts business	39
38	Joyson Safety Systems (248) 373-8040; joysonsafety.com	2025 Harmon Road Auburn Hills, MI 48326, USA	Guido Durrer president & CEO	1,892	2,110	6,614	7,786 e	Seat belts, airbags, steering wheels, safety components & systems	-
39	Yanfeng (86) 21-3338-1000; yanfeng.com	399 Liuzhou Road Shanghai, 200235, China	Jianxu Jia general manager	1,821	1,791	12,568	14,506	Smart Cabin, Interiors, Exteriors, Electronics, Seating, Safety	37
40	Garrett Motion Inc. (41) 21 695 30 00; garrettmotion.com	Z.A. La Piece 16 Rolle, VD 1180, Switzerland	Olivier Rabiller president & CEO	1,819	1,890 e	3,248	3,375	Turbochargers & electric boosting products, e-compressors, e-turbos & fuel cell compressors; software solutions for controls, prognostic integrated vehicle health management & cybersecurity	36
41	CIE Automotive (34) 94-605-48-35; cieautomotive.com	Alameda Mazarredo 69- 8C Bilbao, Vizcaya 48009, Spain	Jesus Maria Herrera CEO	1,642 e	1,657	3,890 e	3,578	Transmissions, powertrain parts, brakes & chassis, interior & exterior trim, roof systems	41
42	Infineon Technologies (49) 89-234-0; infineon.com	Am Campeon 1-15 Neubiberg, 85579, Germany	Reinhard Ploss CEO	1,621	1,642	4,157	4,210	Microcontrollers, intelligent sensors; power semiconductors & power modules for powertrain (combustion, hybrid, electric); safety; security & body & convenience applications	42
43	Flex-N-Gate Corp. (217) 278-2600; flex-n-gate.com	1306 E. University Ave. Urbana, IL 61802, USA	Shahid Khan chairman & CEO	1,600	1,502	8,887	8,343	Interior & exterior plastics, metal bumpers & hitches, structural metal assemblies, prototyping & sequencing, signal & forward lighting	45
44	TI Fluid Systems (44) 1865 871820; tifs.com	4650 Kingsgate Oxford, OX4 2SU, United Kingdom	Bill Kozyra president & CEO	1,531 e	1,605 e	3,819 e	3,983 e	Automotive fluid systems technology	44
45	Webasto (49) 89-857-940; webasto-group.com	Kraillinger Strasse 5 Stockdorf, Bavaria 82131, Germany	Holger Engelmann chairman of the management board	1,510 fe	1,660 fe	4,195 fe	4,049 fe	Sunroofs, panorama roof systems, convertible roof systems, parking heaters, battery systems, charging systems	40
46	Nemak (52) 81-8748-5200; nemak.com	Libramiento Arco Vial Km. 6.8 Garcia, NL 66000, Mexico	Armando Tamez CEO	1,446	1,642	4,017	4,704	Lightweight propulsion, structural & EV components	43
47	Leopold Kostal (49) 2351-16-0; kostal.com	An der Bellmerlei 10 Luedenscheid, NRW 58513, Germany	Andreas Kostal chairman	1,433	1,500	2,866 e	2,884	Steering column & center console modules; driver assistance; control units classic; connector systems for body network, interior, power application; roof modules; switch panels sensoric, switch panels/switches	46
48	Mitsubishi Electric Corp. (81) 03-3218-2111; mitsubishielectric.com	2-7-3 Marunouchi, Chiyoda-ku Tokyo, 100-8310, Japan	Tekeshi Sugiyama president & representative executive officer	1,350 e	1,575	7,500	7,500	Engine management, ignition, audio & navigation systems; alternators & starter motors, ADAS	-
49	Linamar Corp. (519) 836-7550; linamar.com	287 Speedvale Ave. W. Guelph, Ontario N1H 1C5, Canada	Linda Hasenfratz CEO	1,291	1,334	3,852	4,068	Engine camshafts, connecting rods, cylinder heads & blocks, balance shaft assemblies, fuel rails, transmission gears, differentials, clutch modules, shafts & shell assemblies, all-wheel-drive systems & e-Axles	48
50	Preh (49) 9771 92-0; preh.com	Schweinfurter Strasse 5-9, Bad Neustadt a.d. Saale, Bavaria 97616, Germany	Michael Roesnick president & CEO	1,214	1,152	1,663	1,556	Climate controls, central controllers, ECUs, switches, sensors, HMI systems, navigation & telematics systems, battery management systems	50

e = estimate f = fiscal year fe = fiscal year estimate

NORTH AMERICA - Top 100 parts suppliers to North America, ranked by sales of original equipment parts in 2019

2019 rank	Company	Address	Top executive	Total North America OEM automotive parts sales (dollars in millions) 2019	Total North America OEM automotive parts sales (dollars in millions) 2018	Total global OEM automotive parts sales (dollars in millions) 2019	Total global OEM automotive parts sales (dollars in millions) 2018	Products	2018 rank
1	Magna International Inc. (905) 726-2462; magna.com	337 Magna Drive Aurora, Ontario L4G 7K1, Canada	Donald Walker CEO	\$19,321	\$20,414	\$39,431	\$40,827	Body, chassis, exteriors, seating, powertrain, active driver assistance, electronics, mechatronics, mirrors, lighting & roof systems	1
2	ZF North America Inc. (734) 855-2600; zf.com	12001 Tech Center Drive Livonia, MI 48150, USA	Martin Fischer president & member board of management	9,926	10,340 f	34,229	36,929 f	Transmissions, chassis components & systems, steering systems, braking systems, clutches, dampers, active & passive safety systems, driver assist systems including camera, radar & lidar	3
3	Denso International America Inc. (248) 350-7500; densocorp-na.com	24777 Denso Drive Southfield, MI 48086, USA	Kenichiro Ito president & CEO	9,666 fe	9,800 fe	41,812 fe	42,793 fe	Thermal, powertrain control, electronic & electric systems; small motors, telecommunications	4
4	Continental Automotive Systems U.S. Inc. (248) 393-5300; continental.com	One Continental Drive Auburn Hills, MI 48326, USA	Samir Salman CEO	9,180 f	9,451 f	35,309 f	37,803 f	Advanced driver assistance systems, electronic brakes; stability management, tires, foundation brakes, chassis systems, safety electronics, telematics, powertrain electronics, injection systems & turbochargers	2
5	Robert Bosch (248) 876-1000; boschusa.com	38000 Hills Tech Drive Farmington Hills, MI 48331, USA	Mike Mansuetti president	8,380 f	8,419 f	46,555 f	49,525 f	Powertrain solutions; chassis systems controls; electrical drives, car multimedia, electronics, steering systems & battery technology	5
6	Lear Corp. (248) 447-1500; lear.com	21557 Telegraph Road Southfield, MI 48033, USA	Raymond Scott president & CEO	7,330	7,613	19,810	21,149	Seating & electrical systems (E-Systems)	6
7	Flex-N-Gate Corp. (217) 278-2600; flex-n-gate.com	1306 E. University Ave. Urbana, IL 61802, USA	Shahid Khan chairman & CEO	7,198	6,674	8,887	8,343	Interior & exterior plastics, metal bumpers and hitches, structural metal assemblies, prototyping & sequencing, signal & forward lighting	7
8	Panasonic Automotive Systems Co. of America (770) 487-3356; panasonic.com	776 Hwy. 74 S. Peachtree City, GA 30269, USA	Scott Kirchner president	5,862 f	5,938 f	13,633 f	17,466 f	Premium audio systems, video, music streaming service, navigation systems, compressors, batteries, motors, monitors, sensors; switches & HUDs	8
9	Aisin World Corp. of America (734) 453-5551; aisinworld.com	15300 Centennial Drive Northville, MI 48168, USA	Scott Turpin president	5,712	5,845 f	33,404	34,999 f	Body, brake & chassis systems, electronics, drivetrain, & engine components	9
10	Adient (734) 254-5000; adient.com	49200 Halyard Drive Plymouth, MI 48170, USA	Doug Del Grosso president & CEO	5,454	5,220	16,526	17,400	Seating & seating systems & components	12
11	Yazaki North America Inc. (734) 983-1000; yazaki-na.com	6801 Haggerty Road Canton, MI 48187, USA	Bo Andersson president & CEO	5,333 fe	5,338 fe	17,600 fe	17,500 fe	Wiring harnesses, power distribution & control products, connectors, driver information displays, hybrid & electric vehicle products, & sensors	11
12	American Axle & Manufacturing Holdings Inc. (313) 758-2000; aam.com	One Dauch Drive Detroit, MI 48211, USA	David C. Dauch chairman & CEO	5,225	5,671	6,531	7,270	Driveline, drivetrain systems, metal forming & casting components	10
13	Faurecia (248) 724-5100; na.faurecia.com	2800 High Meadow Circle Auburn Hills, MI 48326, USA	Kevin Lammers president	4,975	5,167	19,900	20,667	Faurecia Seating, Faurecia Interiors, Faurecia Clarion Electronics & Faurecia Clean Mobility	13
14	Aptiv (248) 813-2000; aptiv.com	5 Hanover, Grand Canal Dock Dublin, D02VY79, Ireland	Kevin Clark president & CEO	4,868 e	4,890	12,810 e	12,869	Electrical & wiring products, body controls, infotainment, safety & autonomous driving technologies	14
15	Hyundai Mobis (248) 923-5114; mobis.co.kr	46501 Commerce Center Drive Plymouth, MI 48170, USA	Chung Hung Kook Park CEO	4,598	3,121	26,155	25,624	Automotive electronics, infotainment, ADAS, EV systems, lighting, airbag, brake, steering, module systems	23
16	Dana Inc. (419) 887-3000; dana.com	3939 Technology Drive Maumee, OH 43537, USA	James Kamsickas chairman & CEO	4,482 f	4,072 f	8,620	8,143 f	Axles, driveshafts, transmissions; motors, inverters, software & controls; 16 gaskets, seals; thermal-management; motion systems; digital solutions	16
17	Tenneco Inc. (847) 482-5000; tenneco.com	27300 W. 11 Mile Road Southfield, MI 48034, USA	Brian Kessler CEO	4,400	4,700	11,000	10,001	Emission control systems, manifolds, catalytic converters, diesel aftertreatment systems, catalytic reduction mufflers, shock absorbers, struts, electronic suspension products & systems	15
18	Marelli Holding USA (248) 418-3000; marelli.com	3900 Automation Ave. Auburn Hills, MI 48326, USA	Greg Deibig chief administration officer & executive director	3,794 f	-	14,937 f	-	Lighting, cabin comfort, electric powertrain, electronics, exhaust systems, powertrain, suspension systems & shock absorbers, thermal solutions, motorsport	-
19	Valeo North America Inc. (248) 619-8300; valeo.com	150 Stephenson Hwy. Troy, MI 48083, USA	Francoise Colpron president	3,790 f	3,814 f	18,049 f	19,068 f	Automated/connected driving, sensors, electric powertrain, thermal systems, front-end modules, transmission automation, lighting, wipers	17
20	Sumitomo Electric Wiring Systems Inc. (270) 782-7397; sewsus.com	1018 Ashley St. Bowling Green, KY 42103, USA	Hiroshi Kiyokawa president & CEO	3,759	3,712 f	15,470 f	15,402 f	Electrical distribution systems, electronics, connection systems	19
21	BorgWarner Inc. (248) 754-9200; borgwarner.com	3850 Hamlin Road Auburn Hills, MI 48326, USA	Frederic Lissalde president & CEO	3,570 f	3,580 f	10,200 f	10,530 f	Turbochargers, electric motors, control units, valve-timing systems, ignitions, 21 emissions systems, thermal systems, transmission clutches & controls, torque management systems & rotating electric machines	21
22	BASF Corp. (973) 245-6000; basf.com	100 Park Ave. Florham Park, NJ 07932, USA	Wayne Smith CEO	3,569 f	3,362 f	13,219 f	12,931 f	Coatings, catalysts, engineering plastics, polyurethanes, coolants, brake fluids, lubricants, battery materials	22
23	Mahle Industries Inc. (248) 305-8200; us.mahle.com	23030 Mahle Drive Farmington Hills, MI 48335, USA	Scott Ferriman president	3,374	3,889 f	12,049	14,405 f	Piston systems, cylinders, valvetrains; air & liquid management systems, drives, starters & alternators, power electronics, vehicle climatization, climate compressors, engine & powertrain cooling, battery cooling; actuators	18

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24	Plastic Omnium Co. (248) 458-0700; plasticomnium.com	2710 Bellingham Road , Ste. 400 Troy, MI 48083, USA	John Dunn president & CEO	\$2,983	\$2,532	\$10,285	\$9,740	Fascias, front-end modules, rear-end modules, fenders, body panels, fuel systems, depollution systems	29
25	Autoliv North America (248) 475-9000; autoliv.com	1320 Pacific Drive Auburn Hills, MI 48326, USA	Dan Garceau president	2,906	3,037	8,548	8,678	Airbags, seatbelts & steering wheels	24
26	Piston Group (313) 541-8674; pistongroup.com	3000 Town Center #3250 Southfield, MI 48075, USA	Vinnie Johnson founder, chairman & CEO	2,822	2,844	2,851	2,844 f	Batteries, cooling modules, brake corners, grilles, shocks, IPs, seat trim & parts, sun visors, shades, injection molding, brazed evaporator heater cores, HVAC units	25
27	Thyssenkrupp North America Inc. (312) 525-2800; thyssenkrupp.com	111 W. Jackson Blvd., Ste. 2400 Chicago, IL 60604, USA	Patrick Bass CEO	2,697 f	3,628 f	11,864 f	14,438 f	Steering, dampers, springs & stabilizers, camshafts, forged machined components, 20 axles, e-engine components, forged crankshafts & drivetrain components; steel; tailored tempering, cell & battery production lines, valve control systems	20
28	Yanfeng Automotive Interiors (248) 319-7333; yfai.com	41935 West 12 Mile Road Novi, MI 48377, USA	Daniel Linder general manager	2,503	2,710	12,568	14,506	Smart cabin, interiors, exteriors, electronics, seating, safety	26
29	Samvardhana Motherson Group (281) 520-3051; motherson.com	Suite # 200, 1018 Preston St. Houston, Texas 77002, USA	Vivek Chaand Sehgal chairman	2,495 fe	2,177 fe	11,291 fe	11,765 fe	Rearview mirrors, plastic modules cockpits/IPs, door trims & bumpers, wiring harnesses, plastic parts, rubber components, lighting, air intake manifolds, pedals, shock absorbers, HVAC systems & roof hatches	37
30	Nexteer Automotive (989) 757-5000; nexteer.com	3900 E. Holland Road Saginaw, MI 48601, USA	Tao Liu president & global COO	2,449	2,625	3,576	3,912	Electric power steering, hydraulic power steering, steering columns & intermediate shafts, driveline systems, ADAS & AD enabling technologies	28
31	Hitachi Automotive Systems Americas Inc. (859) 734-9451; hitachi-automotive.us	955 Warwick Road Harrodsburg, KY 40330, USA	Paul Carroll president & CEO	2,239 fe	2,364 f	7,464 fe	8,755 f	Engine management, electric powertrain, drive control	31
32	Gestamp North America (248) 743-3400; gestamp.com	2701 Troy Center Drive, Ste. 150 Troy, MI 48084, USA	Jon Barrenechea director	2,233	1,918	10,150	10,096	Hoods, doors, flaps; roofs, floors, pillars, cross bars, wheel arches; battery 45 boxes; front & rear axle components, links & arms, door stops & hinges; electrical powered systems, control drives	45
33	Nemak North America (248) 350-3999; nemak.com	Two Towne Square, Ste. 300 Southfield, MI 48076, US	Luis Pena business unit director, U.S. & Canada	2,209	2,631	4,017	4,704	Lightweight propulsion, structural & EV components	27
34	Grupo Antolin North America Inc. (248) 373-1749; grupoantolin.com	1700 Atlantic Blvd. Auburn Hills, MI 48326, USA	Goemaere Russ regional manager	2,195	2,180	5,837	6,072	Overhead systems, door module & panels, window regulators, interior & exterior lighting, cockpits	33
35	Arconic Corp. (412) 992-2500; arconic.com	201 Isabella St. Pittsburgh, PA 15212, USA	Tim Myers CEO	2,163 e	2,288 e	2,545 e	2,692 e	Aluminum sheet for closure panels, hoods & trunks, bumper systems & crash management systems; extrusions for drive shafts	47
36	Linamar Corp. (519) 836-7550; linamar.com	287 Speedvale Ave. W. Guelph, Ontario N1H 1C5, Canada	Linda Hasenfratz CEO	2,111	2,225	3,852	4,068	Engine camshafts, connecting rods, cylinder heads & blocks, balance shaft assemblies, fuel rails, transmission gears, differentials, clutch modules, shafts & shell assemblies, all-wheel-drive systems & e-Axles	36
37	Bridgewater Interiors (313) 842-3300; bridgewater-interiors.com	4617 W. Fort St. Detroit, MI 48209, USA	Ronald Hall president & CEO	2,052 f	1,969 f	2,052 f	1,969 f	Automotive seating systems	42
38	Martinrea International Inc. (416) 749-0314; martinrea.com	3210 Langstaff Road Vaughan, Ontario L4K 5B2, Canada	Pat D'Eramo president & CEO	2,051	2,034	2,596	2,641	Lightweight structures & propulsion systems.	38
39	GKN Automotive (248) 296-7000; gknautomotive.com	2200 North Opdyke Road Auburn Hills, MI 48326-2362, USA	Edward Erskine vice president, commercial	2,010	2,322	6,091	6,450	AWD systems, eDrive systems, driveline halfshafts & driveshafts	32
40	Schaeffler Group USA Inc. (248) 528-9080; schaeffler.us	1750 E. Big Beaver Road Troy, MI 48083, USA	Marc McGrath president	1,989 e	1,960 e	10,148 e	10,052 e	Anti-friction bearings; engine, chassis & transmission components, wheel & axle bearings, clutch & transmission systems, dampers, e-mobility products	43
41	Brose North America Inc. (248) 339-4000; brose.com	3933 Automation Ave. Auburn Hills, MI 48326, USA	Wilm Uhlenbecker president	1,978	1,982	6,820	7,340	Mechatronic systems for vehicle doors & seats, electric motors, drives & electronics for steering, brakes, transmissions & engine cooling	41
42	Joyson Safety Systems (248) 373-8040; joysonsafety.com	2500 Innovation Drive Auburn Hills, MI 48326, USA	Donald James president	1,923	2,281	6,614	7,786 e	Seat belts, airbags, steering wheels, safety components & systems	-
43	JATCO USA Inc. (615) 614-8600; jatco.co.jp	810 Crescent Centre Drive, Ste. 420 Franklin, TN 37067, USA	Koichi Inoue president	1,881 f	1,737 f	5,973 f	6,812 f	Automatic transmissions, continuously variable transmissions	49
44	Mitsubishi Electric Automotive America Inc. (513) 398-2220; meaa-mea.com	4773 Bethany Road Mason, OH 45040, USA	Hirofumi Ouchi president & CEO	1,875 e	1,650	7,500	7,500	Engine management, ignition, audio & navigation systems; alternators & starter motors, ADAS	-
45	JTEKT Automotive Group Cos. (864) 770-2241; jtekt.co.jp	7 Research Drive Greenville, SC 29607, USA	Koichi Yamanaka president & CEO	1,834 fe	2,605 f	13,196 fe	13,710 fe	Bearings, steering systems, driveline systems & machine tools	30
46	North American Lighting (217) 465-6600; nal.com	2277 S. Main St. Paris, IL 61944, USA	Kirk Gadberry president & CEO	1,802 f	1,758 f	7,444 f	7,990 f	Exterior lighting	48

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To be considered for the list, please contact the Automotive News Data Center at datacenter@autonews.com.

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47	Toyota Boshoku America Inc. (859) 817-4000; toyota-boshoku.com	1360 Dolwick Drive, Ste. 125 Erlanger, KY 41018, USA	Yoshihiro Ito chairman	\$1,793 fe	\$1,706 fe	\$10,185 fe	\$10,153 fe	Seats, door trim, carpet, headliners, oil & air filters, door panels, fabrics & substrates	50
48	Hanon Systems USA (248) 907-8000; hanonsystems.com	39600 Lewis Drive Novi, MI 48377, USA	Jay Son president & CEO	1,657	1,295	6,137	5,396	Thermal & energy management; heating ventilation & air conditioning; powertrain cooling; compressors; fluid transport; electronics & fluid pressure solutions for electrified and conventional vehicles	59
49	TS Tech Americas Inc. (614) 575-4100; tsna.com	8458 E. Broad St. Reynoldsburg, OH 43068, USA	Akihiko Hayashi president	1,645 f	1,811 f	3,575 f	4,115 f	Seats, door liners & other automotive interior components	39
50	Cooper-Standard Automotive (248) 596-5900; cooperstandard.com	40300 Traditions Drive Northville, MI 48168, USA	Bill Pumphrey president	1,643 f	1,923 f	3,100 f	3,629 f	Systems & components, rubber & plastic sealing, fuel & brake lines, fluid transfer hoses & anti-vibration systems	44
51	Hyundai Transys Georgia (706) 645-4460; hyundai-transys.com	715 3rd Ave. West Point, Georgia 31833, US	Sang-gil Jeong vice president	1,622 f	1,590 f	7,374 f	7,573 f	Automatic, manual, dual clutch transmissions, axles, seating systems	53
52	Benteler Automotive Corp. (248) 377-9999; benteler.com	2650 N. Opdyke Road, Bldg. B Auburn Hills, MI 48326, USA	Petr Marijczuk executive vice president	1,600	1,451	8,000	8,060	Engineering & production of components & modules for chassis, body-in-white & engine & exhaust; modular e-mobility system solutions	57
53	Toyoda Gosei North America Corp. (248) 280-2100; toyodagosei.com	1400 Stephenson Hwy. Troy, MI 48083, USA	Masakazu Hashimoto president	1,599 fe	2,231 f	6,032 fe	7,642 f	Safety, sealing & interior systems; optoelectronics, exterior trim, rubber/plastic functionals, fuel systems	35
54	Novelis Corp. (404) 760-4000; novelis.com	3560 Lenox Road N.E., Ste. 2000 Atlanta, GA 30326, USA	Tom Boney president	1,525 f	1,650 fe	2,718 f	2,947 fe	Flat-rolled aluminum sheet for vehicle structures, body panels, heat exchangers, heat shields & other automotive applications	51
55	IAC Group (248) 455-7000; iacgroup.com	28333 Telegraph Road Southfield, MI 48034, USA	Nick Skwiat executive vice president IAC Group & president N.A.	1,498	1,855	3,654	4,122	Cockpits including instrument panels, consoles, doors, headliners & overhead systems	46
56	Multimatic Inc. (905) 470-9149; multimatic.com	8688 Woodbine Ave. Markham, Ontario L3R 8B9, Canada	Raj Nair president & COO	1,452 e	1,452 e	1,650 e	1,650 e	Hinge system products, stamped welded assemblies, suspension system components, niche vehicle assembly & engineering services	56
57	HELLA Corporate Center USA Inc. (734) 414-0900; hellausa.com	15951 Technology Drive Northville, MI 48168, USA	Steve Lietaert president	1,440 f	1,345 f	6,547 f	6,403 f	Electronic & lighting components & systems	63
58	DAA Draexlmaier Automotive of America (864) 485-1000; draexlmaier.us	1751 E. Main St. Duncan, SC 29334, USA	Kerry Curvey CEO	1,395 e	1,063 e	5,167 e	5,060 e	Electrical systems, electrical & electronic components, interiors, system assembly, battery systems	66
59	Freudenberg North America (734) 354 5505; freudenberg.com	47774 W. Anchor Court Plymouth, MI 48170, USA	Bob Evans president & regional representative	1,259	1,276	4,664	4,906	Seals, precision molded components, vibration control, filtration, automotive interior, lubricants, release agents	60
60	Delphi Technologies (248) 813-2000; delphi.com	3000 University Drive Auburn Hills, MI 48326, USA	Rick Dauch CEO	1,245 e	1,147 e	4,400	3,863 e	Powertrain & aftermarket parts business	64
61	Flex (248) 853-5724; flex.com	27755 Stansbury Blvd., Ste. 300 Farmington Hills, MI 48334, USA	Mike Thoeny president	1,242	1,400 fe	2,700 f	2,800 f	Autonomy, connectivity, electrification, smart tech	55
62	NTN Bearing Corporation of America (847) 298-7500; ntnamericas.com	1600 E. Bishop Court, P.O. Box 7604 Mount Prospect, IL 60056, USA	Katsuaki Miyake president	1,169 fe	1,300 fe	4,380 fe	4,798 fe	Automotive constant velocity joints, axle bearings, needle roller, bearings tapered roller bearings, intelligent in-wheel parts for EVs	58
63	Eberspaecher North America Inc. (248) 994-7015; eberspaecher.com	29101 Haggerty Road Novi, MI 48377, USA	Johan Swart president	1,112 f	1,252 f	5,559 f	5,445 f	Silencers, catalytic converters, particulate filters, manifolds, vehicle heaters, electrical vehicle heaters, automotive electronics, battery management systems, thermal management	61
64	TI Fluid Systems (248) 296-8000; tifs.com	2020 Taylor Road Auburn Hills, MI 48326, USA	Bill Kozyra president & CEO	1,050	1,115 e	3,819 e	3,983 e	Automotive fluid systems technology	65
65	Hyundai-WIA America (248) 324-1057; wiaamerica.com	39205 Country Club Drive, Ste. C-9 Farmington Hills, MI 48331, USA	Raymond Jung COO	1,047 f	78 f	6,979 f	7,758 f	Halfshafts, sids shafts, engines, transfer cases, power transfer units, chassis modules, axles, material parts, turbo charger	-
66	Autoneum North America (248) 848-0100; autoneum.com	29293 Haggerty Road Novi, MI 48377, USA	Greg Sibley head BG North America	1,041 f	917 f	2,365 fe	2,236 f	Engine covers & encapsulations; hoodliners, inner & outer dashes; carpets, flooring & insulators; shields & floor pans, wheelhouse outer liners; dampers, stiffeners, acoustic parts	69
67	CIE Automotive USA Inc. (586) 566-3900; cieautomotive.com	15030 23 Mile Road Shelby Township, MI 48315, USA	Joe Carroll president	1,031 e	902	3,890 e	3,578	Transmissions, powertrain parts, brakes & chassis, interior & exterior trim, roof systems	70
68	Mando America Corp. (248) 668-4300; mando.com	29930 Hudson Drive Novi, MI 48377, USA	DoSoon Park vice president	930	795	4,893	4,967	Brakes, steering, suspension, radar, camera, ultrasonic, on board chargers & components, advanced highly automated driving chassis systems	74

e = estimate f = fiscal year fe = fiscal year estimate

NORTH AMERICA - Top 100 parts suppliers to North America, ranked by sales of original equipment parts in 2019

2019 rank	Company	Address	Top executive	Total North America OEM automotive parts sales (dollars in millions) 2019	Total North America OEM automotive parts sales (dollars in millions) 2018	Total global OEM automotive parts sales (dollars in millions) 2019	Total global OEM automotive parts sales (dollars in millions) 2018	Products	2018 rank
69	Kautex Textron North America (248) 616-5100; kautex.com	750 Stephenson Hwy. Troy, MI 48083, USA	Eric Cardinali executive vice president, global operations	\$917 e	\$1,005 e	\$2,183 e	\$2,285 e	Fuel tank systems, pressurized hybrid fuel systems, camera & sensor cleaning solutions, selective catalytic reduction systems, camshafts, packaging	67
70	CITIC Dicastal Co. (616) 619-7500; dicastalna.com	1 Dicastal Drive Greenville, MI 48838, USA	Zuo Xu chairman	903 f	931 f	3,472 f	3,580 f	Aluminum alloy wheels, aluminum casting parts	68
71	TRAM Inc. (734) 254-8500; tokai-rika.co.jp/en	47200 Port St. Plymouth, MI 48170, USA	Kazuhiro Ikai president	840 fe	862 f	4,198 fe	4,106 f	Switches, heater control panels, gear shifters, key cylinder & lock sets, seat belts, outer door mirrors, immobilizer systems	72
72	Inteva Products (248) 655-8886; intevaproducts.com	1401 Crooks Road Troy, MI 48084, USA	Lon Offenbacher president & CEO	827 f	840 f	1,654 f	2,800 f	Closure systems, interior systems, motors & electronic systems	73
73	Johnson Electric North America (734) 392-5302; johnsonelectric.com	47660 Halyard Drive Plymouth, MI 48170, USA	Bill Reidy head of sales & marketing	814 f	751 f	2,497 f	2,530 f	Cooling fan modules, Engine & transmission oil pumps, electric oil pumps, engine actuators & valves, power steering motors, HVAC & lighting actuators, electric motors, switches, solenoids & flexible PCBs	77
74	Clarios (414) 524-1200; clarios.com	5757 N. Green Bay Ave., Florist Tower Milwaukee, WI , USA	Petar Oklobdzija vice president & general manager	800	-	2,000	-	Battery technologies that support virtually all passenger, commercial & recreational vehicle platforms, including start-stop, mild-hybrid, electric & autonomous	-
75	Maxion Wheels (734) 737-5000; maxionwheels.com	39500 Orchard Hill Place, Ste. 500 Novi, MI 48375, USA	Pieter Klinkers CEO	751 f	748 f	2,470 f	2,552 f	Wheels, structural components	-
76	Shiloh Industries Inc. (330) 558-2600; shiloh.com	880 Steel Drive Valley City, OH 44280, USA	Cloyd Abruzzo interim CEO	738 fe	855 fe	1,054 fe	1,140 fe	Lightweight, noise, vibration & harshness solutions for body & interiors, chassis & propulsion systems	90
77	Visteon Corp. (800) 847-8366; visteon.com	One Village Center Drive Van Buren Township, MI 48111, USA	Sachin Lawande president & CEO	736 f	746 f	2,945	2,984	Vehicle cockpit electronics, including digital instrument clusters, displays, infotainment, cockpit computers, connectivity, telematics, autonomous driving solutions, etc.	80
78	American Mitsuba Corp. (989) 773-0377; americanmitsuba.com	2945 Three Leaves Drive Mount Pleasant, MI 48858, USA	Masayoshi Shirato president & CEO	719 fe	844 fe	2,909 fe	3,004 fe	Wiper systems, power window motors, starter motors, fan motors, seat motors, sunroof motors, power slide door assemblies, electric power steering motor	71
79	Henniges Automotive (248) 340-4100; hennigesautomotive.com	2750 High Meadow Circle Auburn Hills, MI 48326, USA	Larry Williams president & CEO	689	731	1,028	1,076	Weather seals, anti-vibration products	79
80	NSK Americas Inc. (734) 913-7500; nskamericas.com	4200 Goss Road, P.O. Box 134007 Ann Arbor, MI 48105, USA	Brian Parsons president	686 fe	756 fe	4,317 fe	5,010 fe	Bearings, hub bearings, steering columns, electric power steering, automatic transmissions products	78
81	Webasto Roof Systems Inc. (248) 997-5100; webasto-group.com	1757 Northfield Drive Rochester Hills, MI 48309, USA	Guiseppe Barile president & CEO	671 fe	607 fe	4,195 fe	4,049 fe	Sunroofs, panorama roof systems, convertible roof systems, parking heaters, battery systems, charging systems	82
82	Infineon Technologies North America Corp. (866) 951-9519; infineon.com/us	640 N. McCarthy Blvd. Milpitas, CA 95035, USA	Robert LeFort president	665	674	4,157	4,210	Microcontrollers, intelligent sensors; power semiconductors & power modules for powertrain (combustion, hybrid, electric); safety; security & body & convenience applications	83
83	Constellium (443) 420-7881; constellium.com	300 East Lombard St., Ste. 1710 Baltimore, MD 21202, USA	Jean-Marc Germain CEO	650	319	1,806	1,595	Aluminum crash management systems, body structure components & battery enclosures; aluminum auto body sheet for closures & body panels, heat exchangers & decorative solutions, aluminum profiles for ABS brakes	100
84	Sumitomo Riko America (248) 946-4915; us.sumiriko.com	41441 11 Mile Road Novi, MI 48375, USA	N.A.	636 fe	803 fe	2,840 fe	3,650 fe	Anti-vibration molded rubber, fuel delivery systems	75
85	Alps Alpine North America Inc. (248) 762-9807; alpsalpine.com	1500 Atlantic Blvd. Auburn Hills, MI 48326, USA	Stewart Yoda president & CEO	623 fe	653 fe	2,294 fe	2,139 fe	Head units, sound products	-
86	NGK Spark Plugs (U.S.A.) Inc. (248) 926-6900; ngksparkplugs.com	46929 Magellan Drive Wixom, MI 48393, USA	N.A.	588 fe	585 fe	2,100 fe	2,090 fe	Manufacturing & selling spark plugs & related products for internal-combustion engines such as glow plugs and oxygen, NOx & temperature sensors	-
87	Gentex Corp. (616) 772-1800; gentex.com	600 N. Centennial St. Zeeland, MI 49464, USA	Steve Downing president & CEO	579 f	555 f	1,810 f	1,791 f	Interior & exterior auto-dimming rearview mirrors; SmartBeam HBA & DFL advanced lighting-assist, full display mirrors, cameras, rear camera displays, compasses, LED turn signals, indicators, driver assist features	87
88	Continental Structural Plastics (248) 237-7800; cspplastics.com	255 Rex Blvd. Auburn Hills, MI 48326, USA	Steve Rooney CEO	533 f	517 f	538 f	518 f	Supplier of lightweight composite Class A body panels, battery carriers, pickup boxes & underbody/under hood components	88
89	Inalfa Roof Systems USA (248) 371-3060; inalfaroofsystems.com	1370 Pacific Drive Auburn Hills, MI 48326, USA	Angel Legarda CEO	532 f	583 f	4,045 f	3,869 f	Interior & exterior system, electronics & electrical system, chassis system, power system, body & other systems, new energy & lightweight product	85
90	Garrett Motion (734) 392-5500; garrettmotion.com	47548 Halyard Drive Plymouth, MI 48170, USA	Anthony Lodato vice president & general manager	487	709 e	3,248	3,375	Turbochargers & electric boosting products, e-compressors, e-turbos & fuel cell compressors; software solutions for controls, prognostic integrated vehicle health management & cybersecurity	81

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NORTH AMERICA - Top 100 parts suppliers to North America, ranked by sales of original equipment parts in 2019

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91	Stoneridge Inc. (248) 489-9300; stoneridge.com	39675 MacKenzie Drive, Ste. 400 Novi, MI 48377, USA	Jonathan DeGaynor president & CEO	\$475 e	\$344 e	\$866 e	\$615 e	Electronic component systems & modules; switches, sensors, power actuators	98
92	Auria (248) 728-8000; auriasolutions.com	26999 Central Park Blvd., Ste 300 Southfield, MI 48076, USA	Brian Pour president & CEO	469	572	884	1,100	Vehicle flooring, acoustical & thermal products & fiber-based components	86
93	SL America Corp. (865) 457-8511; sl-america.com	312 Frank L. Diggs Drive Clinton, TN 37716, USA	Woo Hyun Son managing director	467 f	470 f	1,883 f	1,412 f	Exterior lighting (head lamp, tail lamp, front/rear for lamp, high mounted – stop lamp) for passenger cars & commercial vehicles	–
94	AGC Automotive Americas (800) 251-0441; agc-automotive.com	11175 Cicero Drive, Ste. 400 Alpharetta, GA 30022, USA	Michael Antonucci regional president	464 fe	473 fe	2,849 fe	2,883 fe	Glazing systems	91
95	Gentherm Inc. (248) 504-0500; gentherm.com	21680 Haggerty Road, Ste. 101 Northville, MI 48167, USA	Phil Eyster president & CEO	460	496	920	972	Climate control seats, seat heaters, steering wheel heaters, automotive cables, battery thermal management	89
96	Kostal of America Inc. (248) 284-6500; kostal-automobil-elektrik.com	350 Stephenson Hwy. Troy, MI 48083, USA	Asher Harry president & CEO	459	433	2,866 e	2,884	Steering column & center console modules; driver assistance; control units classic; connector systems for body network, interior, power application; roof modules; switch panels sensoric, switch panels/switches	94
97	MacLean-Fogg Component Solutions (847) 566-0010; macleanfoggcs.com	1000 Allanson Road Mundelein, IL 60060, USA	Duncan MacLean president & CEO	442	453	442	453	Fastener components, engineered components, engineered plastics	92
98	Minth North America Inc. (248) 848-3580; minthamericas.com	51331 Pontiac Trail Wixom, MI 48393, USA	Natalie Chin president	419 f	359	2,003 f	1,902	Trims, body structural parts, decorative parts, roof rack, seat system, battery housing, ACC Radome	97
99	Ryobi Die Casting USA (317) 398-3398; ryobidiecasting.com	800 W. Mausoleum Road Shelbyville, IN 46176, USA	Ryan Willhelm president & COO	411 fe	444 fe	1,711 f	1,848 f	Aluminum high pressure die castings, powertrain & structural components	93
100	NHK International Corp. (248) 926-0111; nhkspg.co.jp	46855 Magellan Drive Novi, MI 48377, USA	Hidetō Enomoto president	385 fe	377 fe	3,501 Fe	3,431 fe	Stabilizer bars, coil springs, seats & valve springs	95

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INDEX	Adient.....	10	Delphi Technologies.....	60	Johnson Electric North America.....	73	Panasonic Automotive Systems Co. of America.....	8
	AGC Automotive Americas.....	94	Denso International America Inc.	3	Joyson Safety Systems.....	42	Piston Group.....	26
	Aisin World Corp. of America.....	9	Eberspaecher North America Inc.	63	JTEKT Automotive Group Cos.....	45	Plastic Omnium Co.	24
	Alps Alpine North America Inc.	85	Faurecia.....	13	Kautex Textron North America.....	69	Robert Bosch.....	5
	American Axle & Manufacturing Holdings Inc.	12	Flex.....	61	Kostal of America Inc.....	96	Ryobi Die Casting USA.....	99
	American Mitsuba Corp.....	78	Flex-N-Gate Corp.....	7	Lear Corp.....	6	Samvardhana Motherson Group.....	29
	Aptiv.....	14	Freudenberg North America.....	59	Linamar Corp.....	36	Schaeffler Group USA Inc.....	40
	Arconic Corp.....	35	Garrett Motion.....	90	MacLean-Fogg Component Solutions.....	97	Shiloh Industries Inc.....	76
	Auria.....	92	Gentex Corp.....	87	Magna International Inc.....	1	SL America Corp.....	93
	Autoliv North America.....	25	Gentherm Inc.....	95	Mahle Industries Inc.....	23	Stoneridge Inc.....	91
	Autoneum North America.....	66	Gestamp North America.....	32	Mando America Corp.....	68	Sumitomo Electric Wiring Systems Inc.....	20
	BASF Corp.....	22	GKN Automotive.....	39	Marelli Holding USA.....	18	Sumitomo Riko America.....	84
	Benteler Automotive Corp.....	52	Grupo Antolin North America Inc.....	34	Martinrea International Inc.....	38	Tenneco Inc.....	17
	BorgWarner Inc.....	21	Hanon Systems USA.....	48	Maxion Wheels.....	75	Thyssenkrupp North America Inc.....	27
	Bridgewater Interiors.....	37	HELLA Corporate Center USA Inc.....	57	Minth North America Inc.....	98	TI Fluid Systems.....	64
	Brose North America Inc.....	41	Henniges Automotive.....	79	Mitsubishi Electric Automotive America Inc.....	44	Toyoda Gosei North America Corp.....	53
	CIE Automotive USA Inc.....	67	Hitachi Automotive Systems Americas Inc.....	31	Multimatic Inc.....	56	Toyota Boshoku America Inc.....	47
	CITIC Dicastal Co.....	70	Hyundai Mobis.....	15	Nemak North America.....	33	TRAM Inc.....	71
	Clarios.....	74	Hyundai Transys Georgia.....	51	Nexteer Automotive.....	30	TS Tech Americas Inc.....	49
	Constellium.....	83	Hyundai-WIA America.....	65	NGK Spark Plugs (U.S.A.) Inc.....	86	Valeo North America Inc.....	19
	Continental Automotive Systems U.S. Inc.....	4	IAC Group.....	55	NHK International Corp.....	100	Visteon Corp.....	77
	Continental Structural Plastics.....	88	Inalfa Roof Systems USA.....	89	North American Lighting.....	46	Webasto Roof Systems Inc.....	81
	Cooper-Standard Automotive.....	50	Infineon Technologies North America Corp.....	82	Novelis Corp.....	54	Yanfeng Automotive Interiors.....	28
	DAA Draexlmaier Automotive of America.....	58	Inteva Products.....	72	NSK Americas Inc.....	80	Yazaki North America Inc.....	11
	Dana Inc.....	16	JATCO USA Inc.....	43	NTN Bearing Corporation of America.....	62	ZF North America Inc.....	2



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