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Automotive News

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TOP SUPPLIERS

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New trends in displays and other cockpit electronics are lifting sales for the lucky few suppliers in that segment. But their good fortunes have not gone unnoticed by nonautomotive companies.

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The big screen drives big growth

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No question about it. Cockpit displays are getting bigger every year. So are the suppliers that make them also getting bigger?

Yep.

Cockpit displays — center stack screens, instrument clusters and head-up displays — will generate \$18.4 billion in revenues for suppliers in 2021, according to a forecast by IHS Automotive. That's up from an estimated \$10 billion this year.

The top four suppliers of such systems — Continental AG, Visteon Corp., Panasonic Automotive Systems Co. and Denso Corp. — all made this year's *Automotive News* list of the Top 100 global automotive suppliers measured by original-equipment parts sales in 2015.

Denso ranks second on the list, with global revenues last year of \$36 billion. Continental placed fourth, Panasonic is 23rd, and Visteon ranks 64th.

One look at the oversized displays sported by new-age Teslas shows what the stakes are as the segment piles up more sales. As vehicles grow more electric, more connected and more app-dependent, onboard controls, diagnostics and real-time information continue to rise in importance for drivers.

But given the componentry's high visibility, the megasuppliers that dominate the technology are far from insulated from new competition.

Manufacturers with roots in consumer electronics — companies such as Sharp, Kyocera, LG Display and Samsung — are eyeing the automotive sector, says IHS analyst Mark Boyadjis.

Such newcomers already are Tier 2 produc-



Advanced cockpit displays will generate supplier growth over the next five years, but new players are eyeing the bounty. Above: the 17-inch touch screen of Tesla's Model S.

ers of screens, and now some are willing to compete with their own Tier 1 customers in pursuit of that \$8 billion growth opportunity over the next five years.

"They know how to build a phone, and they know how to build consumer electronics," Boyadjis says. "Now they are looking to grab a larger piece of the pie and start shipping directly to the automakers."

Death of the mirror?

According to IHS, the center stack generates the lion's share of cockpit revenue, with more than half of the segment's total sales. Instrument clusters generate 42 percent. Head-up displays — a technology still in its infancy — account for 7 percent.

As Tesla has demonstrated to the industry, motorists like big screens — and automakers will give them more of what they want, says Jennifer Wahnschaff, Continental's North American chief of instrumentation and driver HMI.

A large, slablike screen can ruin the look of

a cockpit, Wahnschaff says. So Continental and other suppliers are designing more stylish curved screens. To do so, designers are tinkering with organic light-emitting diode displays, or OLEDs. OLED screens are thin, flexible sheets that can generate rich colors and sharp images.

Continental will start producing OLED screens in 2018.

"It will start out in higher-end vehicles, and it will take some time before it goes into the mass market," Wahnschaff says.

Another coming trend: The number of cockpit screens will increase as automakers eliminate driver blind spots. Automakers will replace side mirrors with cameras, for example, and instead mount small display screens on the A-pillars to give motorists the necessary rear view.

Screens also will be used to display outside obstacles that are otherwise obscured by the vehicle body.

For those and other functions, "there will be more and more need for displays through-

out the vehicle," says Upton Bowden, Visteon's manager of advanced technology planning. "We feel there will be strong sales growth in displays."

Augmented reality

Head-up displays are relatively minor revenue generators at the moment, but sales will grow as automakers introduce "augmented reality" displays that are capable of projecting images and information over large portions of the windshield.

The technology has been confined to futuristic electronics shows so far. But Continental says its version of the technology will enter production in 2019, and Boyadjis expects it to find a niche in the luxury-car segment.

"They will be expensive," Boyadjis predicts.

Top producers of head-up displays include Nippon Seiki, Continental and Visteon. Boyadjis does not expect a lot of interlopers into this segment because it requires specialized expertise in three fields: optics, tooling and manufacturing.

"There is a bigger barrier to entry," Boyadjis says. "Head-up displays are more complex to design and manufacture."

Adding up all the emerging cockpit technologies — including screen proliferation, augmented reality, reconfigurable displays and 360-degree camera views — the cockpit is a promising growth segment.

More new components will be good news for opportunity-seeking Tier 1 suppliers such as Continental, Visteon and Panasonic.

The bad news? They'll have to defend their niche from their own vendors, the Tier 2 screen manufacturers.

"Superficially, Boyadjis says, "it looks like the big guys dominate this segment — but this could be volatile." **AN**

Top 100 global OEM parts suppliers – Ranked by sales of original equipment parts in 2015

2015 rank	Company	Address	Executive	Total global automotive parts sales (dollars in millions) 2015	Total global automotive parts sales (dollars in millions) 2014	Percent North America 2015	Percent Europe 2015	Percent Asia 2015	Percent rest of world 2015	Products	2014 rank
1	Robert Bosch GmbH (49) 711-811-0; bosch.com	Postfach 106050 Stuttgart D-70049, Germany	Volkmart Denner chairman	\$44,825 e	\$44,240 e	20	47	31	2	Gasoline systems, diesel systems, chassis system controls, electrical drives, starter motors & generators, car multimedia, electronics, steering systems, battery technology, exhaust gas turbochargers & treatment systems, service solutions	1
2	Denso Corp. (81) 566-25-5511; globaldenso.com	1-1 Showo-cho Kariya-Aichi, 448-8661, Japan	Nobuaki Katoh chairman	36,030 fe	32,365 fe	25	13	61	1	Thermal, powertrain control, electronic & electric systems; small motors, telecommunications	4
3	Magna International Inc.* (905) 726-2462; magna.com	337 Magna Drive Aurora, Ontario L4G 7K1, Canada	Donald Walker CEO	32,134	36,325	58	33	8	1	Body, chassis, exterior, seating, powertrain, electronic, vision, closure & roof systems & modules	2
4	Continental AG (49) 511-938-01; conti-online.com	Vahrenwalder Strasse 9 Hanover, 30165, Germany	Elmar Degenhart CEO	31,480	33,287	26	49	20	5	Advanced driver assistance systems, electronic brakes, stability management systems, tires, foundation brakes, chassis systems, safety system electronics, telematics, powertrain electronics, interior modules, instrumentation, technical elastomers	3
5	ZF Friedrichshafen AG (49) 7541-77-0; zf.com	Graf-von-Soden-Platz 1, Friedrichshafen Baden-Wuerttemberg 88046, Germany	Stefan Sommer CEO	29,518 f	22,192 f	28	47	22	3	Transmissions, chassis components and systems, steering systems, clutches, dampers, active and passive safety systems	9
6	Hyundai Mobis (82) 2-2018-5114; mobis.co.kr	679-4 SI Tower, Yeoksam1-dong, Gangnam-gu, Seoul, 135-977, Korea	Young Deuk Lim CEO	26,262 f	27,405 f	21	11	67	1	Chassis, cockpit & front-end modules; stability control steering, airbags, LED lamps, ASV parts, sensors, electronic control systems, hybrid car powertrains, parts & power control units	6
7	Aisin Seiki Co. (81) 566-24-8441; aisin.co.jp	2-1 Asahi-Machi Kariya, Aichi 448-8650, Japan	Kanshiro Toyoda chairman	25,904 f	26,522 f	19	9	71	1	Body, brake & chassis systems, electronics, drivetrain, & engine components	5
8	Faurecia (33) 1-72-36-70-00; faurecia.com	2 Rue Hennape Nanterre, 92735, France	Yann Delabriere chairman & CEO	22,967	25,043	27	54	15	4	Seating, emissions control technologies, interior systems, exterior components, modules & structural parts	7
9	Johnson Controls Inc. (414) 524-1200; johnsoncontrols.com	5757 N. Green Bay Ave. Milwaukee, WI 53201, USA	Alex Molinaroli chairman, president & CEO	20,071 f	22,041 f	50	39	8	3	Complete automotive seats & seat components	8
10	Lear Corp. (248) 447-1500; lear.com	21557 Telegraph Road Southfield, MI 48033, USA	Matthew Simoncini president & CEO	18,211	17,727	43	37	18	2	Seating & electrical distribution systems	10
11	Valeo SA (33) 1-40-55-20-20; valeo.com	43 Rue Bayen Paris, 75017, France	Jacques Aschenbroich CEO	16,088 e	16,878 e	22	49	27	2	Micro hybrid systems, electrical & electronic systems, thermal systems, transmissions, wiper systems, camera/sensor technology, security systems, interior controls	11
12	Delphi Automotive (248) 813-2000; delphi.com	5725 Delphi Drive Troy, MI 48098, USA	Kevin Clark president & CEO	15,165	16,002 e	37	35	25	2	Mobile electronics; powertrain, safety, thermal, controls & security systems; electrical/electronic architecture, in-car entertainment technologies	13
13	Yazaki Corp. (81) 0559-65-3002; yazaki-group.com	1500 Mishuku, Susono City Shizuoka Prefecture 410-1194, Japan	Shinji Yazaki president	14,104 e	15,200 e	28	-	-	-	Wiring harnesses, connectors, junction boxes, power distribution boxes, instrumentation, high voltage systems	14
14	Sumitomo Electric Industries (81) 6-6220-4141; sei.co.jp	5-33 Kitahama, 4-chome, Chuo-ku Osaka City, 541-0041, Japan	Masayoshi Matsumoto president & CEO	13,510 fe	12,384 f	25	-	-	-	Electrical distribution systems, electronics, connection systems	17
15	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	11,670 f	11,284 f	23	15	60	2	Bearings, steering systems, driveline systems and machine tools	19
16	Thyssenkrupp AG (49) 201-8440; thyssenkrupp.com	Thyssenkrupp Allee 1 Essen, 45143, Germany	Heinrich Hiesinger CEO	11,395 f	10,833 f	25	39	-	-	Steering, dampers, springs & stabilizers, camshafts, forged machined components, bearings, undercarriage systems & components, axle assembly, assembled camshafts, forged crankshafts & drivetrain components, high-strength lightweight steels, electrical steel, tailored tempering, cell & battery production lines, valve control systems	15
17	Mahle GmbH (49) 711-501-0; mahle.com	Pragstrasse 26-46 Stuttgart, 70376, Germany	Wolf-Henning Scheider chairman & CEO	11,339 f	11,535 f	26	52	18	4	Piston systems, cylinder components, valvetrain systems, air & liquid management systems, vehicle climatization, climate compressors, engine & powertrain cooling, battery cooling, actuators, electric drives, starters & alternators, electrical driven auxiliaries, powertrain engineering, services	18
18	Yanfeng Automotive Trim Systems Co. (86) 21-333-81000; yanfengco.com	399 Liuzhou Road Shanghai, 200235, China	Zhengang Ma general manager	11,242	8,592	13	6	82	-	Interiors, exteriors, electronics, seating, safety	26
19	BASF SE (49) 621-60-0; basf.com	Carl-Bosch-Strasse 38 Ludwigshafen, 67056, Germany	Kurt Bock chairman	10,613 f	12,107 f	22	55	17	6	Coatings, catalysts, engineering plastics, polyurethanes, coolants, brake fluids, lubricants, battery materials	16
20	CalsonicKansei Corp. (81) 3-5385-0111; calsonickansei.co.jp	2-1917 Nisshin-cho, Kita-ku Saitama City, Saitama 331-8501, Japan	Hiroshi Moriya president, CEO & COO	10,232 fe	9,789 fe	37	12	20	31	Climate control, engine cooling & exhaust systems; instrument clusters, console boxes, cockpit modules, instrument panels, front-end modules	20
21	Toyota Boshoku Corp. (81) 566-23-6611; toyota-boshoku.com	1-1 Toyoda-cho Kariya-shi, Aichi 448-8651, Japan	Shuhei Toyoda chairman	10,075 fe	8,730 fe	20	6	71	3	Seats, door trim, carpet, headliners, oil & air filters, door panels fabrics & substrates	25

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

*Magna International Inc. percent rest of world for 2015 may include countries in North America, Europe & Asia.

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Top 100 global OEM parts suppliers – Ranked by sales of original equipment parts in 2015

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22	Schaeffler AG (49) 9132-82-0; schaeffler.com	Industriestrasse 1-3 Herzogenaurach, Bavaria 91074, Germany	Klaus Rosenfeld CEO	\$9,990	\$8,983	20	50	24	6	Anti-friction bearings, engine components chassis & transmissions, wheel & axle bearings, clutch & transmission systems, dampers	23
23	Panasonic Automotive Systems Co. (81) 6-6908-1121; panasonic.net	1006, Oaza Kadoma Kadoma City, Osaka 571-8501, Japan	Kazuhiro Tsuga president	9,987 fe	9,643 fe	29	14	55	2	Audio & video equipment, cameras, video, premium audio systems, navigation systems, compressors, batteries, motors, monitors, sensors, switches, HUDs	21
24	Toyoda Gosei Co. (81) 052-400-1055; toyoda-gosei.co.jp	1 Haruhinagahata Kiyosu Aichi, 452-8564, Japan	Tadashi Arashima chairman	9,386 fe	7,278 fe	28	6	66	–	Safety, sealing & interior systems; optoelectronics, exterior trim, rubber/plastic functionals, fuel systems	37
25	Autoliv Inc. (46) 8-587-20-600; autoliv.com	Vasagatan 11 Box 70381 Stockholm, SE-107 24, Sweden	Jan Carlsson chairman, president & CEO	9,170	9,240	35	31	34	–	Airbags, seat belts, safety electronics, steering wheels	22
26	Hitachi Automotive Systems (81) 3-4232-5300; hitachi-automotive.co.jp/en	Shin-Otemachi Bldg, 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004, Japan	Hideaki Seki president & CEO	9,110 fe	8,540 fe	27	–	–	–	Engine management, electric powertrain, drive control	24
27	Gestamp (34) 91-379-19-99; gestamp.com	Alfonso XII, 16 Madrid 28014, Spain	Francisco Riberas president & CEO	8,511	8,308	19	61	14	7	Metal components & assemblies, body-in-white, chassis & mechanisms	28
28	BorgWarner Inc. (248) 754-9200; borgwarner.com	3850 Hamlin Road Auburn Hills, MI 48326, USA	James Verrier president & CEO	8,023	8,305	34	38	28	–	Turbochargers, engine valve-timing systems, ignition systems, emissions systems, thermal systems, transmission-clutch systems, transmission control systems, torque management systems & rotating electric machines	29
29	Hyundai-WIA Corp. (82) 55-280-9114; hyundai-wia.com	391-8 Gaeumjeong-dong, Changwon, Gyeongnam 641110, South Korea	Jun-Mo Yoon president & CEO	7,480	7,368	1	7	84	8	Halfshafts, sideshafts, engines, manual transmissions/transaxles, transfer cases, power transfer units, chassis modules, axles	32
30	Magneti Marelli S.p.A. (39) 02-972-27-111; magnetimarelli.com	Viale Aldo Borletti 61/63 Corbetta, Milan 20011, Italy	Pietro Gorlier CEO	7,425 f	8,052 f	14	68	10	8	Lighting, powertrain transmissions, electronics, suspensions systems, active & passive shock absorbers, exhaust systems, plastic parts	30
31	Samvardhana Motherson Group (91) 120-6679551; motherson.com	Plot No. 1, Sector 127, Noida - Greater, Noida Expy., Noida, U.P. 201301, India	Vivek Chaand Sehgal chairman	7,245 f	6,900 f	10	46	41	3	Rearview mirrors, plastic modules cockpits/IPs, door trims & bumpers, wiring harnesses, molded plastic parts & assemblies, molded & extruded rubber components, lighting systems, air intake manifolds, pedal assemblies, shock absorbers, HVAC systems, roof hatches	41
32	HELLA KGaA Hueck & Co. (49) 2941-38-0; hella.com	Rixbecker Strasse 75 Lippstadt, 59552, Germany	Rolf Breidenbach CEO	7,192 fe	6,900 fe	21	53	26	–	Electronic and lighting components & systems	35
33	Cummins Inc. (812) 377-5000; cummins.com	500 Jackson St. Columbus, IN 47201, USA	Tom Linebarger chairman & CEO	7,098	7,150	61	13	18	8	Diesel & natural gas engines	33
34	Brose Fahrzeugteile GmbH (49) 9561-21-0; brose.com	Max-Brose-Str. 1 Coburg, 96450, Germany	Juergen Otto CEO	6,718	6,872	26	52	21	1	Window regulators, door modules, seat structures and components, closure systems, power closure systems, power head restraints, electric motors and drives, electronics	36
35	GKN (44) 1527-533-600; gkn.com	P.O. Box 55, Redditch, Worcestershire B98 0AJ, United Kingdom	Philip Swash CEO, GKN Driveline	6,505	7,018	36	38	23	3	Driveline halfshafts, driveshafts & AWD; powder metal engine & transmission components; automotive structures & chassis systems	34
36	JATCO (81) 545-51-0047; jatco.co.jp	700-1, Imaizumi Fuji City, Shizuoka 417-8585, Japan	Teruaki Nakatsuka president and CEO	6,282 fe	6,727 f	30	–	70	–	Automatic transmissions, continuously variable transmissions	38
37	Plastic Omnium Co. (33) 40-87-64-00; plasticomnium.com	1 allée Pierre Burelle Levallois Cedex, 92533, France	Laurent Burelle chairman & CEO	6,210	5,370	30	49	18	3	Fascias, front-end modules, rear-end modules, fenders, body panels, fuel systems	40
38	Flex-N-Gate Corp. (217) 278-2600; flex-n-gate.com	1306 E. University Ave. Urbana, IL 61802, USA	Shahid Khan chairman & CEO	6,102	5,103	91	6	2	1	Interior & exterior plastics, metal bumpers and hitches, structural metal assemblies, forward & signal lighting, mechanical assemblies, prototyping & sequencing	46
39	Dana Holding Corp. (419) 887-3000; dana.com	3939 Technology Drive Maumee, OH 43537, USA	James Kamsickas president & CEO	6,060	6,617	53	29	12	6	Axles, driveshafts, sealing and thermal management products	39
40	Goodyear Tire & Rubber Co. (330) 796-2121; goodyear.com	200 Innovaton Way Akron, OH 44316, USA	Richard Kramer chairman, CEO and president	6,000 e	5,000 e	37	35	21	7	Tires	47
40	Mitsubishi Electric Corp. (81) 03-3218-2111; mitsubishielectric.com	2-7-3 Marunouchi, Chiyoda-ku Tokyo, 100-8310, Japan	Masski Sakuyama Representative Executive Officer president & CEO	6,000 fe	6,000 fe	31	22	47	–	Engine management, ignition, audio & navigation systems; alternators & starter motors	42
42	Tenneco Inc. (847) 482-5000; tenneco.com	500 N. Field Drive Lake Forest, IL 60045, USA	Gregg Sherrill chairman & CEO	5,972	6,030	51	29	15	5	Emission control systems, manifolds, catalytic converters, diesel aftertreatment systems, catalytic reduction mufflers, shock absorbers, struts, electronic suspension products & systems	27
43	IAC Group (35) 2-267504-0; iacgroup.com	4 rue Lou Hemmer Findel, L-1748, Luxembourg	Robert Miller president & CEO	5,900	5,900	56	37	7	–	Cockpits including instrument panels, consoles, doors, headliners and overhead systems; flooring, acoustics	43
44	Koito Manufacturing (81) 3-3443-7111; koito.co.jp	4-8-3 Takanawa, Minato-ku Tokyo, 108-8711, Japan	Masahiro Ohtake chairman & CEO	5,879 f	5,805 f	19	5	10	66	Exterior lighting	44

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45	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	\$5,560 f	\$5,373 f	19	2	78	1	Brakes, steering & suspension & integrated driver assistance systems & components	45
46	Takata Corp. (81) 0-3-3582-3222; takata.com	ARK Hills S. Tower 11F, 4-5 Roppongi, 1-chome, Minato-ku, Tokyo, 106-8488, Japan	Shigehisa Takada chairman, president & CEO	5,360 f	4,900 f	37	26	32	5	Airbags, seat belts, electronics, steering wheels, interior trim & textiles	49
47	Federal-Mogul Corp. (248) 354-7700; federalmogul.com	27300 W. 11 Mile Road Southfield, MI 48034, USA	Rainer Jueckstock & Daniel Ninivaggi co-CEOs	5,077 e	4,400 e	34	49	15	2	Pistons, rings, cylinder liners, piston pins, ignition and spark plugs bearings, valve seats & guides, valvetrain products, gaskets, seals, heat shields, brake friction materials & products, systems protection products, lighting products, wipers, fuel pumps	57
48	NSK (81) 3-3779-7111; nsk.com	Nissei Bldg, 1-6-3- Ohsaki, Shinagawa-ku, Tokyo, 141-8560, Japan	Toshihiro Uchiyama president & CEO	4,858 fe	4,394 fe	18	14	68	1	Bearings, hub bearings, steering columns, electric power steering, automatic transmissions products	55
49	Eberspaecher Gruppe GmbH (49) 711-939-00; eberspaecher.com	Eberspaecherstrasse 24, Esslingen, Baden-Wuerttemberg 73730, Germany	Heinrich Baumann, COO & Martin Peters, CFO, & Managing Partners	4,726 f	4,600 f	28	67	4	1	Silencers, catalytic converters, particulate filters, manifolds, vehicle heaters, electrical vehicle heaters, electronics	52
50	Hyundai Powertech Co. (82) 41-661-9114; powertech.co.kr	958 Chungui-Ro, Jigok-myun, Seosan-shi, Chungnam 356-863, South Korea	Haijin Kim CEO	4,554 e	4,419 e	27	4	68	1	Automatic transmissions	54
51	Nemak (52) 81-8748-5200; nemak.com	Libramiento Arco Vial Km. 6.8 Garcia, NL 66000, Mexico	Armando Tamez CEO	4,482	4,622	61	31	4	4	Aluminum cylinder heads, engine blocks, transmissions, structural components & other components	51
52	NTN Corp. (81) 6-6443-5001; ntn.co.jp/japan	3-17, 1-chome, Kyomachibori, Nishi-ku Osaka, 550-0003, Japan	Hiroshi Ohkubo chairman & CEO	4,366 fe	4,369 f	29	24	47	1	Constant velocity joints, axle bearings, needle roller bearings, tapered roller bearings, intelligent in-wheel parts for EVs	56
53	Draexlmaier Group (49) 8741-47-0; draexlmaier.com	Landshuter Strasse 100 Vilsbiburg, Bavaria 84137, Germany	Fritz Draexlmaier chairman & CEO	4,100 e	4,650 e	20	-	-	-	Electrical systems, electrical & electronic components, interiors, system assembly	50
54	TS Tech Co. (81) 48-462-1121; tstech.co.jp	3-7-27 Sakae-cho, Asaka-shi, Saitama-ken 351-0012, Japan	Michio Inoue president	3,948 fe	4,571 fe	51	-	-	49	Seats, door liners	53
55	American Axle & Mfg. Holdings Inc. (313) 758-2000; aam.com	One Dauch Drive Detroit, MI 48211, USA	David Dauch chairman & CEO	3,903	3,696	85	3	9	3	Driveline & drivetrain systems & related components	58
56	Linamar Corp. (519) 836-7550; linamar.com	287 Speedvale Ave. W. Guelph, Ontario N1H 1C5, Canada	Linda Hasenfratz CEO	3,887	3,018	70	21	8	1	Engine camshafts, connecting rods, cylinder heads & blocks, balance shaft assemblies, fuel rails, transmission gears, differentials, clutch modules, shafts & shell assemblies, all-wheel-drive systems and eAxles	65
57	Grupo Antolin (34) 947-47-7700; grupoantolin.com	Ctra. Madrid-Irun Km. 244'8 Burgos, E09007, Spain	Ernesto Antolin chairman of Grupo Antolin	3,868	2,957	34	57	7	2	Overhead systems, door module & panels, window regulators seat functions, interior and exterior lighting, cockpits	66
58	Martinrea International Inc. (416) 749-0314; martinrea.com	3210 Langstaff Road Vaughan, Ontario L4K 5B2, Canada	Pat D'Eramo president & CEO	3,867 f	3,599 f	80	18	-	2	Steel & aluminum body, chassis & engine components; fluid handling components, assemblies & modules	-
59	TI Automotive (248) 296-8000; tiautomotive.com	2020 Taylor Road Auburn Hills, MI 48326, USA	Bill Kozyra chairman, president & CEO	3,400 e	3,300 e	28	40	30	2	Automotive fluid systems technology	61
60	Nexter Automotive (989) 757-5000; nexter.com	3900 E. Holland Road Saginaw, MI 48601, USA	Laurent Bresson president & COO	3,361 f	2,978 f	66	10	23	1	Electric power steering, hydraulic power steering, steering columns, halfshafts	68
61	Cooper-Standard Automotive (248) 596-5900; cooperstandard.com	39550 Orchard Hill Place Drive Novi, MI 48375, USA	Jeffrey Edwards CEO	3,343 fe	3,244 fe	53	31	13	3	Systems & components including rubber & plastic sealing, fuel & brake lines, fluid transfer hoses & anti-vibration systems	62
62	NHK Spring Co. (81) 45-786-7511; nhkspg.co.jp	3-10 Fukuura, Kanazawa-ku Yokohama, 236-0004, Japan	Kazumi Tamamura Director & president	3,292	2,887 fe	16	2	82	-	Stabilizer bars, coil springs, seats & valve springs	70
63	Sumitomo Riko Co. (81) 568-77-2121; tokai.co.jp	3-1 Higashi, Komaki Komaki City, Aichi 485-8550, Japan	Yoshiaki Nishimura chairman, CEO & Representative Director	3,280 fe	2,301 fe	23	13	63	1	Anti-vibration molded rubber, fuel delivery systems	83
64	Visteon Corp. (734) 710-5000; visteon.com	One Village Center Drive Van Buren Township, MI 48111, USA	Sachin Lawande president & CEO	3,245	7,509	29	32	37	2	Cockpit electronics: instrument clusters, head-up & information displays, infotainment, connected audio, connectivity & telematics	31
65	Hyundai Dymos Inc. (82) 31-369-9914; hyundai-dymos.com/en/	703-2, Galhyun-ri, Seogyoun-myun Seosan-si, Chungcheongnam-do, South Korea	Won-Jang Jo CEO	3,200 f	2,833 f	10	12	73	5	Manual transmissions, DCT, axles, seating systems	71
66	Webasto SE (49) 89-857-940; webasto.com	Kraillinger Strasse 5 Stockdorf, 82131, Germany	Holger Engelmann chairman	3,179 f	3,151 f	21	46	33	-	Sunroofs, panorama roof systems, convertible roof systems, vehicle pre-heating systems	63
67	DuPont (302) 774-1000; dupont.com	1007 Market St. Wilmington, DE 19898, USA	Edward Breen chairman & CEO	3,060	3,060 e	30	30	30	10	High-performance polymers, elastomers, renewable sourced polymers, fibers & fluoropolymers; battery separator & electronic material technologies, fabricated products, advanced composite materials, specialty chemicals, lubricants, refrigerants, films, bio-based fuels	64
68	Leoni AG (49) 911-2023-0; leoni.com	Marienstrasse 7 Nuremberg, 90402, Germany	Dieter Belle president and CEO	3,000 fe	3,400 f	17	65	18	-	Wires & strands, optical fibers, cables, cable systems, wiring systems, fuse and relay boxes, special connectors	59

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

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Top 100 global OEM parts suppliers – Ranked by sales of original equipment parts in 2015

2015 rank	Company	Address	Executive	Total global automotive parts sales (dollars in millions) 2015	Total global automotive parts sales (dollars in millions) 2014	Percent North America 2015	Percent Europe 2015	Percent Asia 2015	Percent rest of world 2015	Products	2014 rank
69	Infineon Technologies AG (49) 89-234-0; infineon.com	Am Campeon 1-12 Neubiberg, 85579, Germany	Reinhard Ploss CEO	\$2,840 e	\$2,890 e	18	42	34	6	Microcontrollers, intelligent sensors; power semiconductors & power modules for powertrain (combustion, hybrid, electric); safety; security and body & convenience applications	69
70	Mitsuba Corp. (81) 277-52-0111; mitsuba.co.jp	2681, 1-Chome, Hirosawa-Cho, Kiryu, Gunma Prefecture 376-8555, Japan	Yuichi Nagase president	2,665 fe	2,674 fe	31	5	46	18	Wiper systems, power window motors, starter motor, fan motors seat motors, sunroof systems, power slide door assemblies, power tailgate systems, electric power steering motors	74
71	Dow Automotive/Related Businesses (248) 391-6300; dowautomotive.com	1250 Harmon Road Auburn Hills, MI 48326, USA	Steve Henderson president	2,600	2,800	34	34	20	12	Glass bonding adhesive, structural adhesive, epoxy composite polyurethane foam, acoustic foam, fluid elastomer	72
71	Inteva Products (248) 655-8886; intevaproducts.com	1401 Crooks Road Troy, MI 48084, USA	Lon Offenbacher president & CEO	2,600 f	2,500 f	34	33	33	–	Closure systems, interior systems, roof systems, motors & electronic systems	78
73	KSPG AG (49) 7132-33-0; kspg.com	Karl Schmidt Strasse Neckarsulm, 74172, Germany	Horst Binnig CEO	2,568	2,450	16	68	12	4	Pistons, emission control products, oil/water pumps, engine blocks, manifolds, bearings	80
74	Leopold Kostal GmbH und Co. (49) 2351-16-0; kostal.com	An der Bellmerlei 10 Luedenscheid, NRW 58513, Germany	Andreas Kostal chairman	2,535 fe	2,607 fe	16	54	26	4	Steering column modules, roof modules, center console modules, driver assistance, body network control units, interior control units, power application control units, switch panels & face plates, switches, connector systems	76
75	Asahi Glass Co. (81) 3-3218-5555; agc-automotive.com	1-5-1, Marunouchi, Chiyoda-ku Tokyo, 100-8405, Japan	Kazuhiko Ishimura CEO	2,530 fe	2,271 fe	20	29	49	2	Glazing systems	–
76	Metaldyne Performance Group Inc. (248) 727-1800; mpgdriven.com	One Towne Square, Suite 550 Southfield, MI 48076, USA	George Thanopoulos CEO	2,499	2,466	77	12	–	11	Transmission, engine, driveline & safety-critical applications	79
77	CITIC Dicastal Co. (86) 335-5358549; dicastal.com	No.185 Longhai Road Qinhuangdao, Hebei 066011, China	Zuo Xu general manager	2,429 f	2,387 f	29	23	47	1	Aluminum alloy wheels, aluminum casting parts	81
78	CIE Automotive SA (34) 94-605-62-00; cieautomotive.com	Alameda Mazarredo 69- 8C Bilbao, Vizcaya 48009, Spain	Jesus Maria Herrera CEO	2,401	2,616	23	54	14	9	Engine & powertrain components, chassis & steering components, exterior & interior trim, roof systems components	75
79	Showa Corp. (81) 485-54-1151; showa1.com	1-14-1 Fujiwara-cho, Gyoda-City Saitama Prefecture 361-8506, Japan	Nobuyuki Sugiyama president	2,386 fe	2,678 fe	35	2	58	5	Shock absorbers, power steering gearbox & pump; propeller shaft, gas springs, CVT pumps	73
80	Vibracoustic GmbH* (49) 6151-3964-210; vibracoustic.com	Europaplatz 4 Darmstadt, Hessen 64293, Germany	Frank Mueller CEO	2,154	2,352	25	56	16	3	Engine mounts, chassis mounts, chassis bushings, exhaust mounts, MCU spring carrier, bumpers, torsional vibration dampers, air springs & tuned mass dampers	82
81	Ryobi (81) 847-41-1341; ryobi.com	762 Mesaki-cho, Fuchu-shi, Hiroshima-ken 726-8628, Japan	Hiroshi Urakami chairman & CEO	2,117 fe	1,890 f	49	13	38	–	Aluminum high pressure die castings powertrain & structural components	–
82	Bridgewater Interiors (313) 842-3300; bridgewater-interiors.com	4617 W. Fort St. Detroit, MI 48209, USA	Ronald Hall Jr. president & CEO	2,092 f	2,282 f	100	–	–	–	Automotive seating systems	84
83	Kautex Textron GmbH (49) 228-488-0; kautex.com	Kautexstr. 52 Bonn, D-53229, Germany	Scott Hall president & CEO	2,059 fe	1,980 fe	42	43	13	2	Fuel tank systems, clear vision systems, selective catalytic reduction systems, camshafts, packaging	87
84	Autoneum (41) 52-244-82-82; autoneum.com	Schlossstalstrasse 43 8406 Winterthur, Switzerland	Martin Hirzel CEO	2,023	1,798	47	40	9	4	Engine covers, engine encapsulations, hoodliners, outer dashes, water box shields, inner dashes, nonwoven carpets, tufted carpets, floor insulators, floor mats, underbody shields, floor pans, heatshields, outer tunnel insulators, wheelhouse outer liners, dampers/stiffeners, sealants, acoustic parts	89
85	Flex (65) 6876-9899; flextronics.com	2 Changi South Lane Singapore, 486123, Singapore	Mike McNamara CEO	2,020 fe	1,897 f	73	8	16	3	Infotainment, telematics boxes, displays, clean tech, battery cables & wire harnesses, solenoids, recuperation modules, vehicle electrification, mirror controls, liftgates & seat controllers, body control modules	–
86	Alpine Electronics Inc. (81) 246-36-4111; alpine.com	20-1 Yoshima-Kogyodanchi Iwaki, Fukushima 970-1192, Japan	Toru Usami CEO	2,000 fe	2,180 fe	34	42	23	1	Navigation, telematics, drive assist, sound & video systems	85
86	Sensata Technologies Holding NV (31) 546-879560; sensata.com	Kolthofsingel 8 Almelo, 7602 EM, Netherlands	Martha Sullivan president & CEO	2,000	1,500	40	33	27	–	Pressure, temperature, speed and position sensors, motor protectors, switches	98
88	Tower International (248) 675-6000; towerinternational.com	17672 N. Laurel Park Drive, Ste. 400E Livonia, MI 48152, USA	Mark Malcolm president & CEO	1,956	2,068	59	33	4	4	Body structures & assemblies, lower vehicle frames & structures, chassis modules & systems, suspension components	86
89	AB SKF, Automotive & Aerospace (46) 31-337-1000; skf.com	Hornsgatan 1 Gothenburg, SE-41550, Sweden	Stephane Le-Mounier president, Automotive & Aerospace	1,948	1,753	24	50	22	4	Bearings, bearing units, automotive specialty products, seals, molded rubber products	91
90	Novelis Inc. (404) 760-4000; novelis.com	3560 Lenox Road N.E., Ste. 2000 Atlanta, GA 30326, USA	Steve Fisher president & CEO	1,940 fe	1,492 fe	54	42	4	–	Flat-rolled aluminum sheet for vehicle structures, body panels, heat exchangers, heat shields & other automotive applications	95

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*Previously Trelleborg/Vibracoustic

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91	Keihin Corp. (81) 03-3345-3411; keihin-Corp.co.jp	Shinjuku Nomura Bldg. 39F 1-26-2, Nishi-shinjuku, Shinjuku-ku Tokyo, 163-0539, Japan	Tsuneo Tanai president	\$1,919 f	\$1,902 f	34	–	66	–	Air & fuel management systems; electronic systems, HVAC systems, electronic management systems	60
92	Pioneer Corp. (81) 44-580-3211; pioneer.co.jp	1-1 Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan	Susumu Kotani president & CEO	1,906 fe	1,694 fe	28	8	64	–	Audio/video entertainment, navigation systems	92
93	F-Tech Inc. (81) 480-85-7236; ftech.co.jp	19 Showanuma Shobumachi, Minami Saitama-gun, Saitama Prefecture 346-0194, Japan	Fukuda Yuichi president	1,634 fe	1,587 f	64	–	36	–	Chassis, suspension systems, control arms, pedal assemblies, hydroforming	94
94	Michelin Group (33) 4-73-32-2000; michelin.com	23 Place des Carmes Dechaus Clermont-Ferrand, 63040, Cedex 9 France	Jean-Dominique Senard CEO	1,601	1,570 e	44	39	17	1	Tires	96
95	Dura Automotive Systems (248) 299-7500; duraauto.com	1780 Pond Run Auburn Hills, MI 48326, USA	Lynn Tilton CEO	1,600 f	1,754 f	44	47	7	2	Lightweight structural door & body systems; mechatronic control systems including shift-by-wire systems; exterior systems including glass systems and electronics infused exterior trim	90
96	Key Safety Systems Inc. (586) 726-3800; keysafetyinc.com	7000 19 Mile Road Sterling Heights, MI 48314, USA	Jason Luo president & CEO	1,575 e	1,345 e	39	21	39	1	Inflators, airbags, seat belts, steering wheels, active safety & electronics	–
97	Gentex Corp. (616) 772-1800; gentex.com	600 N. Centennial St. Zeeland, MI 49464, USA	Fred Bauer chairman & CEO	1,510	1,334	37	45	18	–	Interior & exterior auto-dimming rearview mirrors, advanced electronic features & components, smartBeam HBA & DFL advanced lighting-assist, rear camera displays, compasses, LED turn signals, side blind-zone indicators, driver assist features	–
98	Akebono Brake Industry Co. (81) 3-3668-5171; akebono-brake.com	19-5 Nihonbashi Koamicho Chuo-ku Tokyo, 103-8534, Japan	Hisataka Nobumoto chairman, president & CEO	1,480 fe	1,678 f	52	3	45	–	Brake friction materials, foundation brake assemblies	93
99	U-Shin (81) 3-5401-4670; u-shin.com	Shiba NBF Tower, 1-1-30 Shibadaimon, Minato-ku, Tokyo, 105-0012, Japan	Kohji Tanabe representative, director, chairman & president	1,416 f	1,347 f	2	38	52	8	Steering lock unit, lock sets, keyless entry, door latches, heater control panels, door handles, switches, sensors	–
100	Nissin Kogyo Co. (81) 268-24-3111; nissinkogyo.co.jp	840 Kokubu, Ueda City, Nagano Prefecture 386-8505, Japan	Ohkawara Eiji president	1,385 f	1,479 f	29	1	43	27	ABS & vehicle stability assist foundation brake systems, rear toe control, aluminum knuckles, aluminum mounts, clutch master & slave cylinders	88

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Top 50 suppliers – The largest suppliers to Europe, ranked by sales of original equipment parts in 2015

2015 rank	Company	Address	Top executive	Total Europe OEM automotive parts sales (dollars in millions) 2015	Total Europe OEM automotive parts sales (dollars in millions) 2014	Total global OEM automotive parts sales (dollars in millions) 2015	Total global OEM automotive parts sales (dollars in millions) 2014	Products	2014 rank
1	Robert Bosch GmbH (49) 711-811-0; bosch.com	Postfach 106050 Stuttgart D-70049, Germany	Volkmar Denner chairman	\$21,068 e	\$22,120 e	\$44,825 e	\$44,240 e	Fuel systems, electronics, starter components, steering systems, electrical drives	1
2	Continental AG (49) 511-938-01; conti-online.com	Vahrenwalder Strasse 9 Hanover 30165, Germany	Elmar Degenhart CEO	15,425	16,311	31,480	33,287	Stability management, tires, chassis systems, powertrain electronics, interior modules, instrumentation	2
3	ZF Friedrichshafen AG (49) 7541-77-0; zf.com	Graf-von-Soden-Platz 1, Friedrichshafen, Baden-Wuerttemberg 88046, Germany	Stefan Sommer CEO	13,873 f	12,428 f	29,518 f	22,192 f	Transmissions, chassis components and systems, steering interior modules	5
4	Faurecia (33) 1-72-36-70-00; faurecia.com	2 Rue Hennape Nanterre, 92735, France	Yann Delabriere chairman & CEO	12,402	14,024	22,967	25,043	Seating, emissions control technologies, interior systems, exterior components, modules & structural parts	4
5	Magna International Inc. (905) 726-2462; magna.com	337 Magna Drive Aurora, Ontario L4G 7K1, Canada	Donald Walker CEO	10,604 e	14,167	32,134	36,325	Body, chassis, seating, powertrain, electronics, closures and roof systems	3
6	Valeo SA (33) 1-40-55-20-20; valeo.com	43 Rue Bayen Paris 75017, France	Jacques Aschenbroich CEO	7,883 e	8,270 e	16,088 e	16,878 e	Micro hybrid systems, electrical & electronic systems, transmissions, wiper systems, camera/sensor technology, security systems, interior controls	7
7	Johnson Controls Inc. (414) 524-1200; johnsoncontrols.com	5757 N. Green Bay Ave. Milwaukee, WI 53201, USA	Alex Molinaroli chairman, president & CEO	7,828 f	8,596 f	20,071 f	22,041 f	Complete automotive seats and seat components	6
8	Lear Corp. (248) 447-1500; lear.com	21557 Telegraph Road Southfield, MI 48033, USA	Matthew Simoncini president & CEO	6,738	7,091	18,211	17,727	Seating & electrical distribution systems	9
9	Mahle GmbH (49) 711-501-0; mahle.com	Pragstrasse 26-46 Stuttgart 70376, Germany	Wolf-Henning Scheider chairman & CEO	5,896 f	6,229 f	11,339 f	11,535 f	Piston systems, cylinder components, valvetrain systems, air & liquid management systems, climate systems, engine, & powertrain cooling, battery cooling, actuators, electric drives, starters & alternators	11
10	BASF SE (49) 621-60-0; basf.com	Carl-Bosch-Strasse 38 Ludwigshafen 67056, Germany	Kurt Bock chairman	5,837 f	6,901 f	10,613 f	12,107 f	Coatings, catalysts, engineering plastics, polyurethanes, coolants, brake fluids, lubricants, battery materials	8
11	Delphi Automotive (248) 813-2000; delphi.com	5725 Delphi Drive Troy, MI 48098, USA	Kevin Clark president & CEO	5,275	6,081 e	15,165	16,002 e	Mobile electronics; powertrain, safety, thermal, controls & security systems; electrical/electronic architecture, in-car entertainment technologies	12
12	Gestamp (34) 91-379-19-99; gestamp.com	Alfonso XII, 16 Madrid 28014, Spain	Francisco Riberas president & CEO	5,166	5,234	8,511	8,308	Metal components and assemblies, body-in-white, chassis & mechanisms	14
13	Magneti Marelli S.p.A. (39) 02-972-27-111; magnetimarelli.com	Viale Aldo Borletti 61/63 Corbetta, Milan 20011, Italy	Pietro Gorlier CEO	5,056 f	5,372 f	7,425 f	8,052 f	Lighting, powertrain transmissions, electronics, suspensions systems, active & passive shock absorbers, exhaust systems, plastic parts	13
14	Schaeffler AG (49) 9132-82-0; schaeffler.com	Industriestrasse 1-3, Herzogenaurach, Bavaria 91074, Germany	Klaus Rosenfeld CEO	4,995 e	4,312 e	9,990	8,983	Anti-friction bearings, engine components chassis & transmissions, wheel & axle bearings, clutch & transmission systems, dampers	15
15	Denso Corp. (81) 566-25-5511; globaldenso.com	1-1 Showo-cho Kariya-Aichi, 448-8661, Japan	Nobuaki Katoh chairman	4,700 fe	4,036 fe	36,030 fe	32,365 fe	Thermal, powertrain control, electronic & electric systems	16
16	Thyssenkrupp AG (49) 201-8440; thyssenkrupp.com	Thyssenkrupp Allee 1 Essen 45143, Germany	Heinrich Hiesinger CEO	4,444 f	3,467 f	11,395 f	10,833 f	Steering, dampers, springs & stabilizers, camshafts, forged machined components, bearings, chassis systems, axles, high-strength lightweight steels, electrical steel, tailored tempering, valve control systems	–
17	HELLA KGaA Hueck & Co. (49) 2941-38-0; hella.com	Rixbecker Strasse 75 Lippstadt 59552, Germany	Rolf Breidenbach CEO	3,812 fe	3,657 fe	7,192 fe	6,900 fe	Electronic & lighting components & systems	19
18	Brose Fahrzeugteile GmbH (49) 9561-21-0; brose.com	Max-Brose-Str. 1 Coburg 96450, Germany	Juergen Otto CEO	3,493	3,738	6,718	6,872	Window regulators, door modules, seat structures & components, closure systems, power head restraints, electric motors & drives, electronics	17
19	Samvardhana Motherson Group (91) 120-6679551; motherson.com	Plot No. 1, Sector 127, Noida, Greater Noida Expy., Noida, U.P. 201301, India	Vivek Chaand Sehgal chairman	3,318 f	3,312 f	7,245 f	6,900 f	Rearview mirrors, plastic modules cockpits/IPs, door trims & bumpers	24
20	Eberspaecher Gruppe (49) 711-939-00; eberspaecher.com	Eberspaecherstrasse 24, Esslingen, Baden-Wuerttemberg 73730, Germany	Heinrich Baumann, COO & Martin Peters, CFO & managing partners	3,167 f	3,128 f	4,726 f	4,600 f	Silencers, catalytic converters, particulate filters, manifolds, vehicle heaters, electrical vehicle heaters, electronics	21
21	BorgWarner Inc. (248) 754-9200; borgwarner.com	3850 Hamlin Road Auburn Hills, MI 48326, USA	James Verrier president & CEO	3,049	3,737	8,023	8,305	Turbochargers, engine valve-timing systems, ignition systems, emissions	18
22	Plastic Omnium Co. (33) 40-87-64-00; plasticomnium.com	1 allée Pierre Burelle Levallois Cedex 92533, France	Laurent Burelle chairman & CEO	3,043	2,631	6,210	5,370	Fascias, front-end modules, rear-end modules, fenders, body panels	20
23	Hyundai Mobis (82) 2-2018-5114; mobis.co.kr	679-4 SI Tower, Yeoksam1-dong, Gangnam-gu, Seoul 135-977, Korea	Young Deuk Lim CEO	2,920 f	2,886 f	26,262 f	27,405 f	Chassis, cockpit & front-end modules; stability control steering, LED, lamps, ASV parts, sensors	23
24	Autoliv Inc. (46) 8-587-20-600; autoliv.com	Vasagatan 11 Box 70381 Stockholm, SE-107 24, Sweden	Jan Carlsson chairman, president & CEO	2,843	3,049	9,170	9,240	Airbags, seat belts, safety electronics, steering wheels	22
25	Federal-Mogul Corp. (248) 354-7700; federalmogul.com	27300 W. 11 Mile Road Southfield, MI 48034, USA	Rainer Jueckstock & Daniel Ninivaggi, co-CEOs	2,485 e	2,112 e	5,077 e	4,400 e	Pistons, rings, cylinder liners, ignition & spark plugs, bearings, valvetrain products, gaskets, seals, heat shields, brake, friction products, lighting, wipers, fuel pumps	34

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26	GKN plc (44) 1527-533-600; gkn.com	P.O. Box 55, Redditch, Worcestershire B98 0AJ, U.K.	Philip Swash CEO, GKN Driveline	\$2,472	\$2,807	\$6,505	\$7,018	Driveline components, powder metal engine & transmission components; automotive structures & chassis systems	25
27	Aisin Seiki Co. (81) 566-24-8441; aisin.co.jp	2-1 Asahi-Machi Kariya, Aichi 448-8650, Japan	Kanshiro Toyoda chairman	2,383 f	2,122 f	25,904 f	26,522 f	Body, brake & chassis systems, electronics, drivetrain, & engine components	29
28	Grupo Antolin (34) 947-47-7700; grupoantolin.com	Ctra. Madrid-Irun Km. 244'8 Burgos, E09007, Spain	Ernesto Antolin chairman, Grupo Antolin	2,209	1,745	3,868	2,957	Overhead systems, door modules & panels, window regulators, seat functions, interior and exterior lighting, cockpits	36
29	IAC Group (35) 2-267504-0; iacgroup.com	4 rue Lou Hemmer Findel, L-1748, Luxembourg	Robert Miller president & CEO	2,183	2,301	5,900	5,900	Cockpits including instrument panels, consoles, doors, headliners & overhead systems; flooring, acoustics	28
30	Goodyear Tire & Rubber Co. (330) 796-2121; goodyear.com	200 Innovaton Way Akron, OH 44316, USA	Richard Kramer chairman, president & CEO	2,100 e	1,700 e	6,000 e	5,000 e	Tires	38
31	Leoni AG (49) 911-2023-0; leoni.com	Marienstrasse 7 Nuremberg, 90402, Germany	Dieter Belle president & CEO	1,950 fe	2,244 f	3,000 fe	3,400 f	Wires & strands, optical fibers, cables, cable systems, wiring systems, fuse and relay boxes, special connectors	30
32	Dana Holding Corp. (419) 887-3000; dana.com	3939 Technology Drive Maumee, OH 43537, USA	James Kamsickas president & CEO	1,757	1,985	6,060	6,617	Axles, driveshafts, sealing and thermal management products	32
33	JTEKT Corp. (81) 52-527-1900; jtekt.co.jp	15th Fl., Midland Sq., 4-7-1 Meieki Nakamura-ku, Nagoya 450-8515, Japan	Tetsuo Agata president	1,751 fe	2,031 fe	11,670 f	11,284 f	Bearings, steering systems, driveline systems and machine tools	31
34	KSPG AG (49) 7132-33-0; kspg.com	Karl Schmidt Strasse Neckarsulm 74172, Germany	Horst Binnig CEO	1,746	1,715 e	2,568	2,450	Pistons, emission control products, oil/water pumps, engine blocks, manifolds, bearings	37
35	Tenneco Inc. (847) 482-5000; tenneco.com	500 N. Field Drive Lake Forest, IL 60045, USA	Gregg Sherrill chairman & CEO	1,732 e	1,809 e	5,972	6,030	Emission control systems, manifolds, catalytic converters, diesel aftertreatment, catalytic reduction mufflers, shock absorbers, struts, electronic suspensions	27
36	Webasto SE (49) 89-857-940; webasto.com	Kraillinger Strasse 5 Stockdorf 82131, Germany	Holger Engelmann chairman	1,462 f	1,512 f	3,179 f	3,151 f	Sunroofs, panorama roof systems, convertible roof systems, vehicle preheating systems	39
37	Panasonic Automotive Systems Co. (81) 6-6908-1121; panasonic.net	1006, Oaza Kadoma, Kadoma City, Osaka 571-8501, Japan	Kazuhiro Tsuga president	1,398 fe	1,157 fe	9,987 fe	9,643 fe	Audio & video equipment, cameras, video, premium audio systems, navigation systems, compressors, batteries, motors, monitors; sensors; switches, HUD	48
38	Takata Corp. (81) 0-3-3582-3222; takata.com	ARK Hills S. Tower 11F, 4-5 Roppongi, 1-chome, Minato-ku, Tokyo 106-8488, Japan	Shigehisa Takada chairman, president & CEO	1,394 f	1,372 f	5,360 f	4,900 f	Airbags, seat belts, electronics, steering wheels, interior trim & textiles	43
39	Nemak (52) 81-8748-5200; nemak.com	Libramiento Arco Vial Km. 6.8 Garcia, NL 66000, Mexico	Armando Tamez CEO	1,381	1,446	4,482	4,622	Aluminum cylinder heads, engine blocks, transmissions, structural components & other components	41
40	Leopold Kostal GmbH (49) 2351-16-0; kostal.com	An der Bellmerlei 10, Luedenscheid, NRW 58513, Germany	Andreas Kostal chairman	1,369 fe	1,434 fe	2,535 fe	2,607 fe	Steering column modules, roof modules, center console modules, driver assistance, body network & interior control units, power application control units, switch panels & face plates, switches, connector systems	42
41	TI Automotive (248) 296-8000; tiautomotive.com	2020 Taylor Road Auburn Hills, MI 48326, USA	Bill Kozyra chairman, president & CEO	1,360 e	1,353 e	3,400 e	3,300 e	Automotive fluid systems technology	45
42	Mitsubishi Electric Corp. (81) 03-3218-2111; mitsubishielectric.com	2-7-3 Marunouchi, Chiyoda-ku Tokyo 100-8310, Japan	Masski Sakuyama representative executive officer, president & CEO	1,320 fe	1,800 fe	6,000 fe	6,000 fe	Engine management, ignition, audio & navigation systems; alternators & starter motors	35
43	CIE Automotive S.A. (34) 94-605-62-00; cieautomotive.com	Alameda Mazarredo 69-8C Bilbao, Vizcaya 48009, Spain	Jesus Maria Herrera CEO	1,297	1,465	2,401	2,616	Engine & powertrain components, chassis & steering components, exterior & interior trim, roof systems components	40
44	CalsonicKansei Corp. (81) 3-5385-0111; calsonickansei.co.jp	2-1917 Nishin-cho, Kita-ku Saitama City, Saitama 331-8501, Japan	Hiroshi Moriya president, CEO & COO	1,228 fe	1,077 fe	10,232 fe	9,789 fe	Climate control, engine cooling & exhaust systems; instrument clusters, console boxes, cockpit modules, instrument panels, front-end modules	50
45	Vibracoustic GmbH (49) 6151 3964-210; vibracoustic.com	Europaplatz 4 Darmstadt, Hessen 64293, Germany	Frank Mueller CEO	1,213	1,364	2,154	2,352	Engine mounts, chassis mounts, chassis bushings, exhaust mounts, MCU spring carrier, bumpers, torsional vibration dampers, air springs & tuned mass dampers	44
46	Infineon Technologies AG (49) 89-234-0; infineon.com	Am Campeon 1-12 Neubiberg 85579, Germany	Reinhard Ploss CEO	1,193 e	1,301 e	2,840 e	2,890 e	Microcontrollers, intelligent sensors; power semiconductors & power modules for powertrain (combustion, hybrid, electric); safety; security and body & convenience applications	47
47	Georg Fischer Automotive AG (41) 52-631-11-11; gfau.com	Amsler-Laffon-Strasse 9 Schaffhausen 8201, Switzerland	Josef Edbauer president	1,152	1,345	1,371	1,546	Lightweight castings, stressable castings, structural parts, components for e-mobility	46
48	NTN Corp. (81) 6-6443-5001; ntn.co.jp/japan	3-17, 1-chome, Kyomachibori, Nishi-ku, Osaka 550-0003, Japan	Hiroshi Ohkubo chairman & CEO	1,043 fe	1,110 f	4,366 fe	4,369 f	Automotive constant velocity joints, axle bearings, needle roller bearings, tapered roller bearings, intelligent in-wheel parts for EVs	-
49	Visteon Corp. (734) 710-5000; visteon.com	One Village Center Drive Van Buren Township, MI 48111, USA	Sachin Lawande president & CEO	1,038	2,703	3,245	7,509	Vehicle cockpit electronics: instrument clusters, head-up & information displays, infotainment, connected audio, connectivity and telematics	26
50	Cooper-Standard Automotive (248) 596-5900; cooperstandard.com	39550 Orchard Hill Place Drive Novi, MI 48375	Jeffrey Edwards CEO	1,036 fe	1,135 fe	3,343 fe	3,244 fe	Systems & components including rubber and plastic sealing, fuel & brake lines, fluid transfer hoses & anti-vibration systems	49

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Top 100 suppliers – The largest suppliers to North America, ranked by sales of original equipment parts in 2015

2015 rank	Company	Address	Top executive	Total North America OEM automotive parts sales (dollars in millions) 2015	Total North America OEM automotive parts sales (dollars in millions) 2014	Total global OEM automotive parts sales (dollars in millions) 2015	Total global OEM automotive parts sales (dollars in millions) 2014	Products	2014 rank
1	Magna International Inc. (905) 726-2462; magna.com	337 Magna Drive Aurora, Ontario L4G 7K1, Canada	Donald Walker CEO	\$18,638 e	\$19,616	\$32,134	\$36,325	Body, chassis, exterior, seating, powertrain, electronic, vision, closure & roof systems & modules	1
2	Johnson Controls Inc. (734) 254-5000; johnsoncontrols.com	49200 Halyard Drive Plymouth, MI 48170	Byron Foster executive VP, Johnson Controls Automotive	10,036 f	10,580 f	20,071 f	22,041 f	Complete automotive seats & seat components	2
3	Robert Bosch (248) 876-1000; boschusa.com	38000 Hills Tech Drive Farmington Hills, MI 48331	Mike Mansuetti president	8,965 e	8,406 e	44,825 e	44,240 e	Gasoline systems, diesel systems, chassis system controls, electrical drives, starter motors & generators, car multimedia, electronics, steering systems, battery technology, exhaust gas turbochargers & treatment systems, service solutions	3
4	Denso International America Inc. (248) 350-7500; densocorp-na.com	24777 Denso Drive, P.O. Box 5133 Southfield, MI 48086	Kenichiro Ito* chairman & CEO	8,847 fe	7,168 fe	36,030 fe	32,365 fe	Thermal, powertrain control, electronic & electric systems; small motors, telecommunications	5
5	ZF North America Inc. (734) 855-2600; zf.com	12001 Tech Center Drive Livonia, MI 48150	Franz Kleiner member board of management	8,265 f	4,438 f	29,518 f	22,192 f	Transmissions, chassis components & systems, steering systems, clutches, dampers, active & passive safety systems,	13
6	Continental Automotive Systems U.S. Inc. (248) 393-5300; conti-online.com	One Continental Drive Auburn Hills, MI 48326	Samir Salman CEO, Continental, North America	8,185	7,656	31,480	33,287	Advanced driver assistance systems, electronic brakes, stability management systems, tires, foundation brakes, chassis systems, safety system electronics, telematics, powertrain electronics, interior modules, instrumentation, technical elastomers	4
7	Lear Corp. (248) 447-1500; lear.com	21557 Telegraph Road Southfield, MI 48033	Matthew Simoncini president & CEO	7,831	6,736	18,211	17,727	Seating & electrical distribution systems	6
8	Faurecia (248) 724-5100; na.faurecia.com	2800 High Meadow Circle Auburn Hills, MI 48326	Mark Stidham president, Faurecia North America	6,201	6,261	22,967	25,043	Seating, emissions control technologies, interior systems, exterior components, modules & structural parts	8
9	Delphi Automotive Systems (248) 813-2000; delphi.com	5725 Delphi Drive Troy, MI 48098	Kevin Clark president & CEO	5,682	5,601 e	15,165	16,002 e	Mobile electronics; powertrain, safety, thermal, controls & security systems; electrical/electronic architecture, in-car entertainment technologies	9
10	Flex-N-Gate Corp. (217) 278-2600; flex-n-gate.com	1306 E. University Ave. Urbana, IL 61802	Shahid Khan chairman & CEO	5,553	4,644	6,102	5,103	Interior & exterior plastics, metal bumpers & hitches, structural metal assemblies, forward & signal lighting, mechanical assemblies, prototyping & sequencing	12
11	Mobis North America (248) 426-5577; mobis.co.kr	23255 Commerce Dr. Farmington Hills, MI 48335	Young Deuk Lim CEO	5,491 f	5,541 f	26,262 f	27,405 f	Chassis, cockpit & front-end modules; stability control steering airbags, LED lamps, ASV parts, sensors, electronic control systems, hybrid car powertrains, parts & power control units	10
12	Aisin World Corp. of America (734) 453-5551; aisinworld.com	15300 Centennial Drive Northville, MI 48168	Scott Turpin president	4,974 f	4,721 f	25,904 f	26,522 f	Body, brake & chassis systems, electronics, drivetrain, & engine components	11
13	Cummins Inc. (812) 377-5000; cummins.com	500 Jackson St. Columbus, IN 47201	Tom Linebarger chairman & CEO	4,330	4,004	7,098	7,150	Diesel & natural gas engines	15
14	Yazaki North America Inc. (734) 983-1000; yazaki-na.com	6801 Haggerty Road Canton, MI 48187	Nigel Thompson president & CEO	3,963 e	3,815 e	14,104 e	15,200 e	Wiring harnesses, connectors, junction boxes, power distribution boxes, instrumentation, high-voltage systems	16
15	CalsonicKansei North America Inc. (931) 680-6415; calsonic.com	One Calsonic Way Shelbyville, TN 37162	Bharat Vennapusa CEO	3,786 fe	3,133 fe	10,232 fe	9,789 fe	Climate control, engine cooling & exhaust systems; instrument clusters, 22 console boxes, cockpit modules, instrument panels, front-end modules	17
16	Valeo Inc. (248) 619-8300; valeo.com	150 Stephenson Hwy. Troy, MI 48083	Francoise Colpron president, North America	3,539 e	3,376 e	16,088 e	16,878 e	Micro hybrid systems, electrical & electronic systems, thermal systems, transmissions, wiper systems, camera/sensor technology, security systems, interior controls	17
17	American Axle & Manufacturing Holdings Inc. (313) 758-2000; aam.com	One Dauch Drive Detroit, MI 48211	David Dauch chairman & CEO	3,318	3,179	3,903	3,696	Driveline & drivetrain systems & related components	19
18	Sumitomo Electric Wiring Systems Inc. (270) 782-7397; sewsus.com	1018 Ashley St. Bowling Green, KY 42103	Masayoshi Fuse president & CEO, North America	3,310 fe	3,208 fe	13,510 fe	12,384 f	Electrical distribution systems, electronics, connection systems	20
19	IAC Group (248) 455-7000; iacgroup.com	28333 Telegraph Road Southfield, MI 48034	Robert Miller president & CEO	3,304	3,186	5,900	5,900	Cockpits including instrument panels, consoles, doors, headliners & overhead systems; flooring, acoustics	18
20	Dana Holding Corp. (419) 887-3000; dana.com	3939 Technology Drive Maumee, OH 43537	James Kamsickas president & CEO	3,212	3,110	6,060	6,617	Axles, drivshafts, sealing & thermal management products	23
21	Autoliv North America (248) 475-9000; autoliv.com	1320 Pacific Drive Auburn Hills, MI 48326	Dan Garceau president, Autoliv North America	3,210	3,142	9,170	9,240	Airbags, seat belts, safety electronics, steering wheels	21
22	Martinrea International Inc. (416) 749-0314; martinrea.com	3210 Langstaff Road Vaughan, Ontario L4K 5B2, Canada	Pat D'Eramo president & CEO	3,101 f	2,850 f	3,867 f	3,599 f	Steel & aluminum body, chassis & engine components; fluid handling components; & assemblies & modules for for small & large cars, crossovers, pickups & SUVs	–

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23	Tenneco Inc. (734) 243-8000; tenneco.com	1 International Drive Monroe, MI 48161	Brian Kessler COO	\$3,046 e	\$2,955 e	\$5,972	\$6,030	Emission control systems, manifolds, catalytic converters, diesel aftertreatment systems, catalytic reduction mufflers, shock absorbers, struts, electronic suspension products & systems	14
24	Mahle Industries Inc. (248) 305-8200; mahle.com	23030 MAHLE Drive Farmington Hills, MI 48335	Markus Kapaun finance executive, North America	2,948 f	2,538 f	11,339 f	11,535 f	Piston systems, cylinder components, valvetrain systems, air & liquid management systems, vehicle climatization, climate compressors, engine & powertrain cooling, battery cooling, actuators, electric drives, starters & alternators, electrical driven auxiliaries	26
25	Panasonic Automotive Systems Co. of America (770) 487-3356; panasonic.com/automotive	776 Hwy. 74 S. Peachtree City, GA 30269	Tom Gebhardt president	2,896 fe	2,411 fe	9,987 fe	9,643 fe	Audio & video equipment, cameras, video, premium audio systems, music streaming service, navigation systems, compressors, batteries, motors, monitors; sensors; switches, HUDs	29
26	ThyssenKrupp North America Inc. (312) 525-2800; thyssenkrupp.com	111 W. Jackson Blvd., Ste. 2400 Chicago, IL 60604	Patrick Bass CEO	2,894 f	2,492 f	11,395 f	10,833 f	Steering, dampers, springs & stabilizers, camshafts, forged machined components, bearings, undercarriage systems & components, axle assembly, assembled camshafts, forged crankshafts & drivetrain components, high-strength lightweight steels, electrical steel, tailored tempering, cell & battery production lines, valve control systems	24
27	Nemak North America (248) 350-3999; nemak.com	Two Towne Square, Ste. 300 Southfield, MI 48076	Luis Pena U.S. & Canada business unit director	2,753	2,803	4,482	4,622	Aluminum cylinder heads, engine blocks, transmissions, structural components & other components	25
28	BorgWarner Inc. (248) 754-9200; borgwarner.com	3850 Hamlin Road Auburn Hills, MI 48326	James Verrier president & CEO	2,728	2,408	8,023	8,305	Turbochargers, engine valve-timing systems, ignition systems, emissions systems, thermal systems, transmission-clutch systems, transmission-control systems, torque management systems & rotating electric machines	30
29	Linamar Corp. (519) 836-7550; linamar.com	287 Speedvale Ave. W. Guelph, Ontario N1H 1C5, Canada	Linda Hasenfratz CEO	2,709	2,284	3,887	3,018	Engine camshafts, connecting rods, cylinder heads & blocks, balance shaft assemblies, fuel rails, transmission gears, differentials, clutch modules, shafts & shell assemblies, all-wheel-drive systems & eAxles	33
30	JTEKT Automotive Group Cos. (864) 770-2241; jtekt.co.jp	7 Research Drive Greenville, SC 29607	Koichi Yamanaka president	2,684 fe	2,595 fe	11,670 f	11,284 f	Bearings, steering systems, driveline systems	28
31	Toyoda Gosei North America Corp. (248) 280-2100; toyodagosei.com	1400 Stephenson Hwy. Troy, MI 48083	Yoshiyuki Fujita president	2,628 fe	2,111 fe	9,386 fe	7,278 fe	Safety, sealing & interior systems; optoelectronics, exterior trim, rubber/plastic functionals, fuel systems	38
32	Hitachi Automotive Systems Americas Inc. (859) 734-9451; hitachi-automotive.us	955 Warwick Road Harrodsburg, KY 40330	Paul Carroll president & CEO	2,460	2,220 fe	9,110 fe	8,540 fe	Engine management, electric powertrain, drive control	34
33	GKN Driveline (248) 296-7800; gkndriveline.com	2200 North Opdyke Road Auburn Hills, MI 48326	Robert Willig president, GKN Driveline Americas	2,342	2,386	6,505	7,018	Driveline halfshafts, driveshafts & awd; powder metal engine & transmission components; automotive structures and chassis systems	31
34	BASF Corp. (973) 245-6000; basf.com	100 Park Ave. Florham Park, NJ 07932	Wayne Smith CEO	2,335 f	2,542 f	10,613 f	12,107 f	Coatings, catalysts, engineering plastics, polyurethanes, coolants, brake fluids, lubricants, battery materials	27
35	Goodyear Tire & Rubber Co. (330) 796-2121; goodyear.com	200 Innovation Way Akron, OH 44316	Steve McClellan president, Americas	2,220 e	1,800 e	6,000 e	5,000 e	Tires	42
36	Nexteer Automotive (989) 757-5000; nexteer.com	3900 E. Holland Rd. Saginaw, MI 48601	Laurent Bresson president & COO	2,218 f	2,055 f	3,361 f	2,978 f	Electric power steering, hydraulic power steering, steering columns, halfshafts	37
37	Bridgewater Interiors (313) 842-3300; bridgewater-interiors.com	4617 W. Fort St. Detroit, MI 48209	Ronald Hall Jr. president & CEO	2,092 f	2,282 f	2,092 f	2,282 f	Seating systems	32
38	TS Tech Americas Inc. (614) 575-4100; tstech.co.jp	8458 E. Broad St. Reynoldsburg, OH 43068	Minoru Maeda president	2,013 fe	2,148 fe	3,948 fe	4,571 fe	Seats, door liners	36
39	Toyota Boshoku America Inc. (859) 817-4000; toyota-boshoku.com/us	1360 Dolwick Drive, Ste. 125 Erlanger, KY 41018	Yoshihiro Ito chairman & CEO	2,000 fe	1,702 fe	10,075 fe	8,730 fe	Seats, door trim, carpet, headliners, oil & air filters, door panels, fabrics & substrates	45
40	Schaeffler Group USA Inc. (248) 528-9080; schaeffler.us	1750 E. Big Beaver Road Troy, MI 48083	Bruce Warmbold president & CEO	1,998 e	1,797 e	9,990	8,983	Anti-friction bearings, engine components chassis & transmissions, wheel & axle bearings, clutch & transmission systems, dampers	44
41	TK Holdings Inc. (248) 373-8040; takata.com	2500 Takata Drive Auburn Hills, MI 48326	Shunkichi Shimizu president	1,983 f	1,666 f	5,360 f	4,900 f	Airbags, seat belts, electronics, steering wheels, interior trim & textiles	47
42	Metaldyne Performance Group Inc. (248) 727-1800; mpgdriven.com	One Towne Square, Suite 550 Southfield, MI 48076	George Thanopoulos CEO	1,924	1,849 e	2,499	2,466	Transmission, engine, driveline & safety-critical applications	40
43	JATCO USA Inc (248) 306-9200; jatco.co.jp	38700 Country Club Drive, Farmington Hills, MI 48331	Bill Krueger VP	1,885 fe	1,830 f	6,282 fe	6,727 f	Automatic transmissions, continuously variable transmissions	41
44	Plastic Omnium Co. (248) 458-0700; plasticomnium.com	2710 Bellingham Road , Ste. 400 Troy, MI 48083	Marc Cornet president, business unit North America	1,863	1,557	6,210	5,370	Fascias, front-end modules, rear-end modules, fenders, body panels, fuel systems	39
45	Mitsubishi Electric Automotive America Inc. (513) 398-2220; meaa-mea.com	4773 Bethany Road Mason, OH 45040	Mitsuru Koiwa president & CEO	1,860 fe	1,800 fe	6,000 fe	6,000 fe	Engine management, ignition, audio & navigation systems; alternators & starter motors	42

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46	Cooper-Standard Automotive (248) 596-5900; cooperstandard.com	39550 Orchard Hill Place Drive Novi, MI 48375	Bill Pumphrey president, North America	\$1,772 fe	\$1,687 fe	\$3,343 fe	\$3,244 fe	Systems & components including rubber & plastic sealing, fuel & brake lines, fluid transfer hoses & anti-vibration systems	46
47	Federal-Mogul Corp. (248) 354-7700; federalmogul.com	27300 W. 11 Mile Road Southfield, MI 48034	Rainer Jueckstock & Daniel Ninivaggi co-CEOs	1,751 e	1,496 e	5,077 e	4,400 e	Pistons, rings, cylinder liners, piston pins, ignition & spark plugs, bearings, valve seats & guides, valvetrain products, gaskets, seals, heat shields, brake friction materials & products, systems protection products, lighting products, wipers, fuel pumps	51
48	Brose North America Inc. (248) 339-4000; brose.com	3933 Automation Ave. Auburn Hills, MI 48326	Michael Brosseau president	1,747	1,629	6,718	6,872	Window regulators, door modules, seat structures & components, closure systems, power closure systems, power head restraints, electric motors & drives, electronics	48
49	Gestamp North America (248) 743-3400; gestamp.com	2701 Troy Center Drive, Ste. 150 Troy, MI 48084	Jeff Wilson president	1,600	1,329	8,511	8,308	Metal components & assemblies, body in white, chassis & mechanisms	50
50	HELLA Corporate Center USA Inc. (734) 414-0900; hellausa.com	43811 Plymouth Oaks Blvd. Plymouth, MI 48170	Steve Lietaert president	1,510 fe	1,449 fe	7,192 fe	6,900 fe	Electronic & lighting components & systems	49
51	Flex (408) 576-7000; flextronics.com	6201 America Center Drive San Jose, CA 95002	Mike McNamara CEO	1,475 fe	1,176 f	2,020 fe	1,897 f	Infotainment, telematics boxes, displays, clean tech, battery cables & wire harnesses, solenoids, recuperation modules, vehicle electrification, mirror controls, liftgate & seat controllers, body control modules	–
52	Yanfeng U.S. Automotive Interior Systems II (734) 254-3100; yfai.com	45000 Helm Street Plymouth, MI 48170	Yaping Wang deputy general manager	1,428	292	11,242	8,592	Interiors, exteriors, electronics, seating, safety	–
53	Eberspaecher North America Inc. (248) 994-7015; eberspaecher.com	29101 Haggerty Road Novi, MI 48377	Thomas Waldhier COO Exhaust Technology	1,323 f	1,196 f	4,726 f	4,600 f	Silencers, catalytic converters, particulate filters, manifolds, vehicle heaters, electrical vehicle heaters, electronics	54
54	Grupo Antolin North America Inc. (248) 373-1749; grupoantolin.com	1700 Atlantic Blvd. Auburn Hills, MI 48326	Pablo Baroja regional manager, North America	1,296	887	3,868	2,957	Overhead systems, door module & panels, window regulators, seat functions, interior & exterior lighting, cockpits	67
55	NTN Bearing Corp. of America (847) 298-7500; ntnamericas.com	1600 E. Bishop Court, P.O. Box 7604 Mount Prospect, IL 60056	Tetsuya Sogo president	1,262 fe	1,254 f	4,366 fe	4,369 f	Constant velocity joints, axle bearings, needle roller bearings, tapered roller bearings, intelligent in-wheel parts for EVs	52
56	Powertech America Inc. (706) 902-6800; powertech.co.kr	220 Fort Drive LaGrange, GA 30240	Samho Cha director	1,230 e	972 e	4,554 e	4,419 e	Automatic transmissions	61
57	Tower Automotive Inc. (248) 675-6000; towerinternational.com	17672 N. Laurel Park Drive, Ste. 400 Livonia, MI 48152	Jim Bernard president, North America	1,154	1,075	1,956	2,068	Body structures & assemblies, lower vehicle frames & structures, chassis modules & systems, suspension components	57
58	North American Lighting (217) 465-6600; nal.com	2277 S. Main St. Paris, IL 61944	Jay Toyota president & COO	1,141 f	906 f	5,879 f	5,805 f	Exterior lighting	64
59	Mando America Corp. (248) 668-4300; mando.com	29930 Hudson Drive Novi, MI 48377	Ju Sin Kim president	1,056 f	1,075 f	5,560 f	5,373 f	Brakes, steering & suspension & integrated driver assistance systems & components	57
60	Novelis Corp. (404) 760-4000; novelis.com	3560 Lenox Road N.E., Ste. 2000 Atlanta, GA 30326	Marco Palmieri senior VP, Novelis Inc. & president, Novelis N.A.	1,048 fe	537 fe	1,940 fe	1,492 fe	Flat-rolled aluminum sheet for vehicle structures, body panels, heat exchangers, heat shields & other automotive applications	85
61	F & P America Mfg. Inc. (937) 339-0212; fandp.com	2101 Corporate Drive Troy, OH 45373	Makoto Hasegawa president	1,039 fe	997 f	1,634 fe	1,587 f	Chassis, suspension systems, control arms, pedal assemblies, hydroforming	60
62	Ryobi Die Casting USA (317) 398-3398; ryobidiecasting.com	800 W. Mausoleum Road Shelbyville, IN 46176	Tom Johnson president & COO	1,037 fe	964 f	2,117 fe	1,890 f	Aluminum high-pressure die castings powertrain & structural components	–
63	Magneti Marelli Holding USA (248) 418-3000; magnetimarelli.com	3900 Automation Ave. Auburn Hills, MI 48326	Stephane Védie country representative	1,032 f	1,096 f	7,425 f	8,052 f	Lighting, powertrain transmissions, electronics, suspensions systems, active & passive shock absorbers, exhaust systems, plastic parts	56
64	Shiloh Industries Inc. (330) 558-2600; shiloh.com	880 Steel Drive Valley City, OH 44280	Ramzi Hermiz president & CEO	991 fe	826 fe	1,057 fe	879 fe	Lightweight, noise, vibration & harshness solutions, chassis & powertrain systems	70
65	Ti Automotive Ltd. (248) 296-8000; tiautomotive.com	2020 Taylor Road Auburn Hills, MI 48326	Bill Kozyra chairman & CEO	952 e	891 e	3,400 e	3,300 e	Automotive fluid systems technology	66
66	Autoneum North America (248) 848-0100; autoneum.com	38555 Hills Tech Drive Farmington Hills, MI 48331	John Lenga president & CEO BG North America	951	827	2,023	1,798	Engine covers, engine encapsulations, hoodliners, outer dashes, water box shields, inner dashes, nonwoven carpets, tufted carpets, floor insulators, floor mats, underbody shields, floor pans, heatshields, outer tunnel insulators, wheelhouse outer liners, dampers/stiffeners, sealants, acoustic parts	69
67	Visteon Corp. (800) 847-8366; visteon.com	One Village Center Drive Van Buren Township, MI 48111	Sachin Lawande president & CEO	941	2,178	3,245	7,509	Cockpit electronics: instrument clusters, head-up & information displays, infotainment, connected audio, connectivity & telematics	35

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Top 100 suppliers – The largest suppliers to North America, ranked by sales of original equipment parts in 2015

2015 rank	Company	Address	Top executive	Total North America OEM automotive parts sales (dollars in millions) 2015	Total North America OEM automotive parts sales (dollars in millions) 2014	Total global OEM automotive parts sales (dollars in millions) 2015	Total global OEM automotive parts sales (dollars in millions) 2014	Products	2014 rank
68	DuPont Automotive (800) 441-7515; automotive.dupont.com	950 Stephenson Hwy. Troy, MI 48007	Leland Weaver N.A. business director	\$918	\$918 e	\$3,060	\$3,060 e	High-performance polymers, elastomers, renewable sourced polymers, 63 fibers & fluoropolymers; battery separator & electronic material technologies, fabricated products, advanced composite materials, specialty chemicals, lubricants, refrigerants, films, bio-based fuels	
69	ABC Group Inc. (416) 246-1782; abcgroupinc.com	2 Norelco Drive Toronto, Ontario M9L 2X6, Canada	Helga Schmidt chairman & CEO	895 e	950 e	932 e	1,000 e	Air management systems, fluid management systems, HVAC systems, interior systems, exterior systems, flexible products	62
70	Dow Automotive/Related Businesses (248) 391-6300; dowautomotive.com	1250 Harmon Road Auburn Hills, MI 48326	Steve Henderson president	884	896	2,600	2,800	Glass bonding adhesives, structural adhesives, epoxy composites, polyurethane foams, acoustic foams, elastomers, fluids	65
70	Inteva Products (248) 655-8886; intevaproducts.com	1401 Crooks Road Troy, MI 48084	Lon Offenbacher president & CEO	884 f	1,025 f	2,600 f	2,500 f	Closure systems, interior systems, roof systems, motors & electronic systems	59
72	NSK Americas Inc. (734) 913-7500; nskamericas.com	4200 Goss Road, P.O. Box 134007 Ann Arbor, MI 48105	Bernard Lindsay CEO	869 fe	659 fe	4,858 fe	4,394 fe	Bearings, hub bearings, steering columns, electric power steering, automatic transmissions products	82
73	Kautex Textron North America (248) 616-5100; kautex.com	750 Stephenson Hwy. Troy, MI 48083	Ken Johns VP, Customer Business Unit	865 fe	832 fe	2,059 fe	1,980 fe	Fuel tank systems, clear vision systems, selective catalytic reduction systems, camshafts, packaging	68
74	American Mitsubishi Corp. (989) 773-0377; americanmitsuba.com	2945 Three Leaves Drive Mount Pleasant, MI 48858	Yoshimasa Kimura president & CEO	826 fe	642 fe	2,665 fe	2,674 fe	Wiper systems, power window motors, starter motors, fan motors, seat motors, sunroof motors, power slide door assemblies, power tailgate systems, electric power steering motors	84
75	American Showa Inc. (740) 965-1133; amshowa.com	707 W. Cherry St. Sunbury, OH 43074	Tetsuro Eguchi president	823 fe	675 fe	2,386 fe	2,678 fe	Shock absorbers, power steering gearboxes & pumps; propeller shaft, gas springs, CVT pumps	80
76	DAA Draexlmaier Automotive of America (864) 485-1000; draexlmaier.us	1751 E. Main St. Duncan, SC 29334	Stefan Bude CFO & senior vp	820 e	744 e	4,100 e	4,650 e	Electrical systems, electrical & electronic components, interiors, system assembly	76
77	KIRCHHOFF Van-Rob* (905) 727-8585; kirchhoff-group.com	200 Vandorf Sideroad Aurora, Ontario L4G 0A2, Canada	Tony Parente president & COO	800 e	747 e	800 e	747 e	Instrument panel beams, engine cradles, bulkhead assemblies, underbody modular, assemblies to body in white, bumper systems	74
77	Sensata Technologies Holding NV (508) 236-3800; sensata.com	529 Pleasant Street Attleboro, MA 02703	Martha Sullivan president & CEO	800	420	2,000	1,500	Pressure, temperature, speed & position sensors, motor protectors, switches	100
79	Akebono Brake Corp. (270) 234-5500; akebonobrakes.com	301 Ring Road Elizabethtown, KY 42701	Wilm Uhlenbecker president & CEO	770 fe	822 f	1,480 fe	1,678 f	Brake friction materials, foundation brake assemblies	71
80	DTR Industries Inc. (419) 358-2121; dtroh.com	320 Snider Road Bluffton, OH 45817	T. Kato president	760 fe	483 fe	3,280 fe	2,301 fe	Anti-vibration molded rubber, fuel delivery systems	96
81	Samvardhana Motherson Group (330) 856-3344; motherson.com	8640 East Market St. Warren, Ohio 44484	Vivek Chaand Sehgal chairman	739 f	504 f	7,245 f	6,900 f	Rearview mirrors, plastic modules cockpits/IPs, door trims & bumpers, – wiring harnesses, molded plastic parts & assemblies, injection molding tools, molded & extruded rubber components, lighting systems, air intake manifolds, pedal assemblies, shock absorbers, HVAC systems, roof hatches	
82	Superior Industries International Inc. (248) 304-9720; supind.com	26600 Telegraph Road, #400 Southfield, MI 48033	Donald Stebbins president & CEO	728	745	728	745	Aluminum wheels	75
83	Multimatic Inc. (905) 470-9149; multimatic.com	8688 Woodbine Ave. Markham, Ontario L3R 8B9, Canada	Peter Czapka president & CEO	714 e	680 e	840 e	800 e	Hinge systems, stamped welded assemblies, suspension systems & engineering services	79
84	CITIC Dicastal Co. (86) 335-5358549; www.dicastal.com	No.185 Longhai Road Qinhuangdao, Hebei, China 066011	Zuo Xu general manager	704 f	644 f	2,429 f	2,387 f	Aluminum alloy wheels, aluminum casting parts	83
84	Dura Automotive Systems (248) 299-7500; duraauto.com	1780 Pond Run Auburn Hills, MI 48326	Lynn Tilton CEO	704 f	754	1,600 f	1,754 f	Lightweight structural door & body systems; mechatronic control systems including shift-by-wire systems; exterior systems, glass systems & electronics infused exterior trim	73
86	Michelin North America Inc. (864) 458-5000; michelin.com	One Parkway S. Greenville, SC 29615	Pete Selleck president & chairman	701	675 e	1,601	1,570 e	Tires	80
87	Alpine Electronics of America Inc. (310) 326-8000; alpine-usa.com	19145 Gramercy Place Torrance, CA 90501	Isao Nagasaki president	680 fe	807 fe	2,000 fe	2,180 fe	Navigation, telematics, drive assist, sound & video systems	72
88	Webasto Roof Systems Inc. (248) 997-5100; webasto.com	1757 Northfield Drive Rochester Hills, MI 48309	Andre Schoenekaes president & CEO	668 f	599 f	3,179 f	3,151 f	Sunroofs, panorama roof systems, convertible roof systems, vehicle pre-heating systems	86
89	Keihin North America Inc. (765)298-6030; keihin-na.com	2701 Enterprise Drive Anderson, IN 46013	Hiroshi Seikai president	652 f	685 f	1,919 f	1,902 f	Air & fuel management systems; electronic systems, HVAC systems, electronic management systems	53
90	Key Safety Systems Inc. (586) 726-3800; keysafetyinc.com	7000 19 Mile Road Sterling Heights, MI 48314	Jason Luo president & CEO	614 e	525 e	1,575 e	1,345 e	Inflators, airbags, seat belts, steering wheels, active safety & electronics	91

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91	Rassini S.A. de C.V.* (734) 454-4904; rassini.com	14500 Beck Road Plymouth, MI 48170	Norman Jacobs president	\$609 f	\$526 f	\$761 f	\$657 f	Leaf springs, parabolic springs, coil springs, braking systems components	78
92	AEES (248) 489-4900; aeesinc.com	36555 Corporate Drive, Ste. 300 Farmington Hills, MI 48331	Frank Sovis president, North America	564 f	551 f	956 f	925 f	Wiring harnesses, electrical distribution centers, connectors, terminals, electronics	87
93	Gentex Corp. (616) 772-1800; gentex.com	600 N. Centennial St. Zeeland, MI 49464	Fred Bauer chairman & CEO	559	494	1,510	1,334	Interior & exterior auto-dimming rearview mirrors, advanced electronic features & components, SmartBeam HBA & DFL advanced lighting-assist, rear camera displays, compasses, LED turn signals, side blind-zone indicators, driver assist features	–
94	CIE Automotive USA Inc. (586) 566-3900; cieautomotive.com	15030 23 Mile Road Shelby Township, MI 48315	Mikel Orbegozo commercial director America	552	549	2,401	2,616	Engine & powertrain components, chassis & steering components, exterior & interior trim, roof systems components	88
95	Trelleborg Automotive USA Inc.** (269) 637-2116; vibracoustic.com	400 Aylworth Ave. South Haven, MI 49090	Kelly Reynolds president, Region North America	543	541	2,154	2,352	Engine mounts, chassis mounts, chassis bushings, exhaust mounts, MCU spring carrier, bumpers, torsional vibration dampers, air springs & tuned mass dampers	89
96	Neaton Auto Products Manufacturing Inc. (937) 456-7103; neaton.com	975 S. Franklin St. Eaton, OH 45320	Hirohisa Nagano president	540 f	441 fe	1,108 f	980 fe	Steering wheels, airbag modules, interior trim, instrument panels, consoles, HVAC ventilators/outlets, decorative trim	98
97	Pioneer Automotive Technologies Inc. (248) 449-6799; pioneerelectronics.com	22630 Haggerty Road Farmington Hills, MI 48335	Steven Moerner president & COO	528 fe	373 fe	1,906 fe	1,694 fe	Audio/video entertainment, navigation systems	–
98	NHK International Corp. (248) 926-0111; nhkspg.co.jp	50706 Varsity Court Wixom, MI 48393	Ko Masuda president	527	433 fe	3,292	2,887 fe	Stabilizer bars, coil springs, seats & valve springs	99
99	Lacks Enterprises (616) 949-6570; lacksenterprises.com	5460 Cascade Road S.E. Grand Rapids, MI 49546	Nick Hernyak president	513 e	477	570 e	530	Interior & exterior plastic trim, wheel trim products	97
100	Infineon Technologies North America Corp. (866) 951-9519 ; infineon.com/us	640 N. McCarthy Blvd. Milpitas, CA 95035	Robert LeFort president	511 e	491 e	2,840 e	2,890 e	Microcontrollers, intelligent sensors; power semiconductors & power modules for powertrain; safety, security & body & convenience applications	94

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