



2023 | No.6

**TecAlliance E-newsletter**  
**New Energy Vehicles**  
**(Greater China)**

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# 01 | Market Info

( China Mainland)





## 2023 New Energy vehicle Industry Trends

### ZF Group's Innovative E-Mobility Plant Breaks Ground in China, Boosting Electrification Transformation

ZF Group takes a major stride in advancing the electrification transformation of auto industry with the launch of a state-of-the-art E-Mobility plant in Shenyang, China.

ZF Group is laying the foundation for an innovative e-mobility manufacturing facility in Shenyang, China. On June 13, 2023, the ground-breaking ceremony marked the initiation of the ZF New Energy Vehicle eDrive Project. The new plant, situated in Hunnan District, Shenyang, with a considerable workforce of 900 employees, is the third such initiative by ZF in China since 2021. ZF's new facility will produce electric axle drives for new energy vehicles, and the project is set to commence its first phase in March 2025.

his significant development underscores ZF's commitment to fostering the development of new energy vehicles and achieving carbon neutrality. The eDrive project will contribute to the acceleration of OEMs' electrification transformation in China. This ambitious project is a reflection of ZF's proactive strategy to cater to the burgeoning global and Chinese EV market, aiming to drive the auto industry's electrification transformation with its extensive product portfolio and expertise.

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Source:

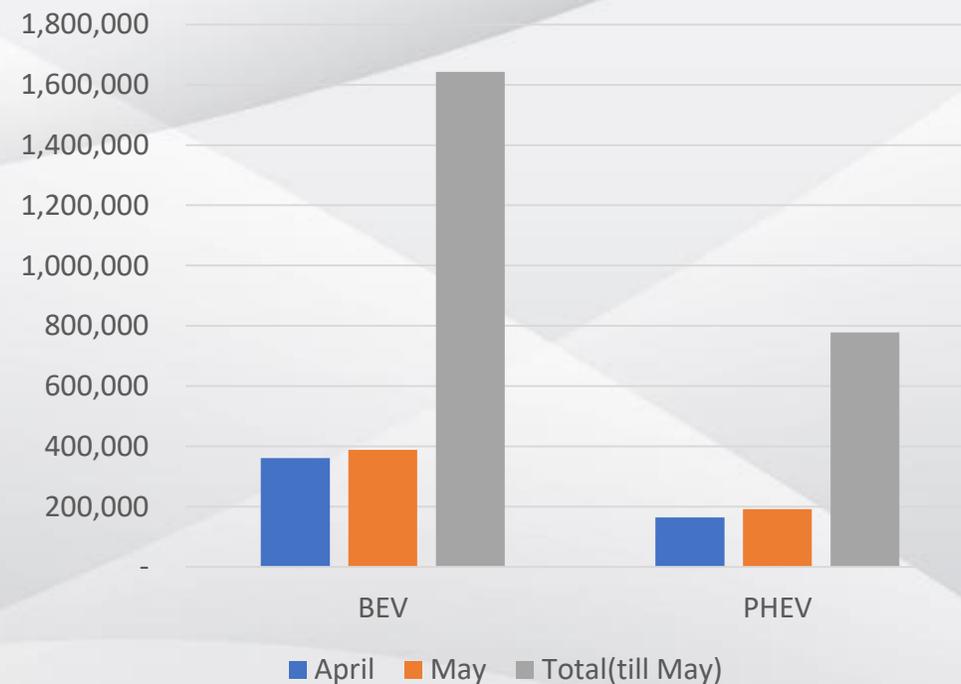


Top 10 NEV Manufacturer sales rankings in May 2023



Accumulated sales

Compared to April, NEV sales in May have increased. From the cumulative sales volume from January to May, the overall sales volume of BEV is far higher than that of PHEV.

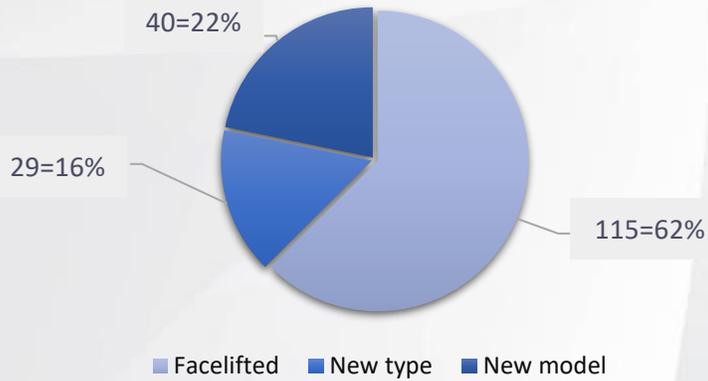




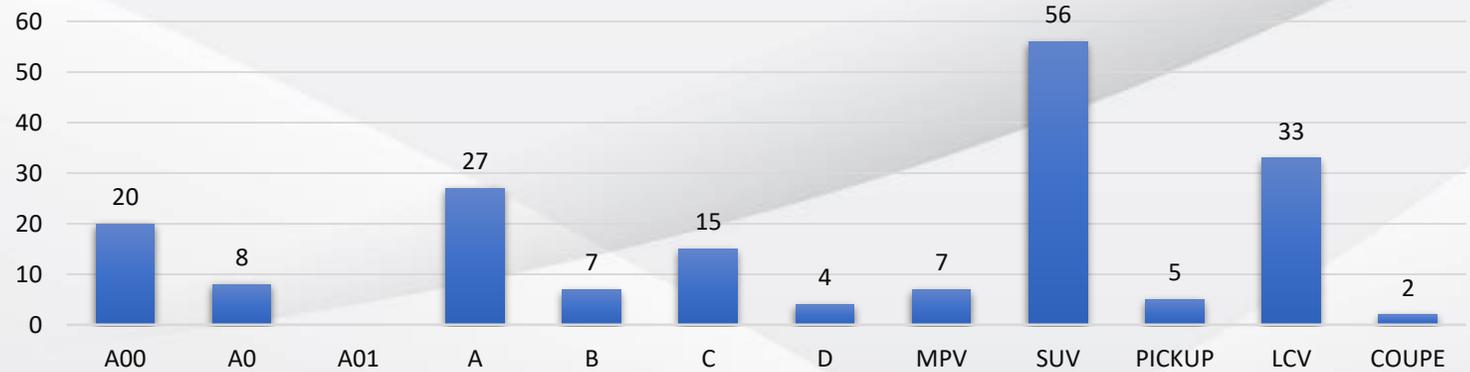
# Analysis of New Vehicle of Chinese new energy vehicles from January to April

Existing EV KTypes are **1059**

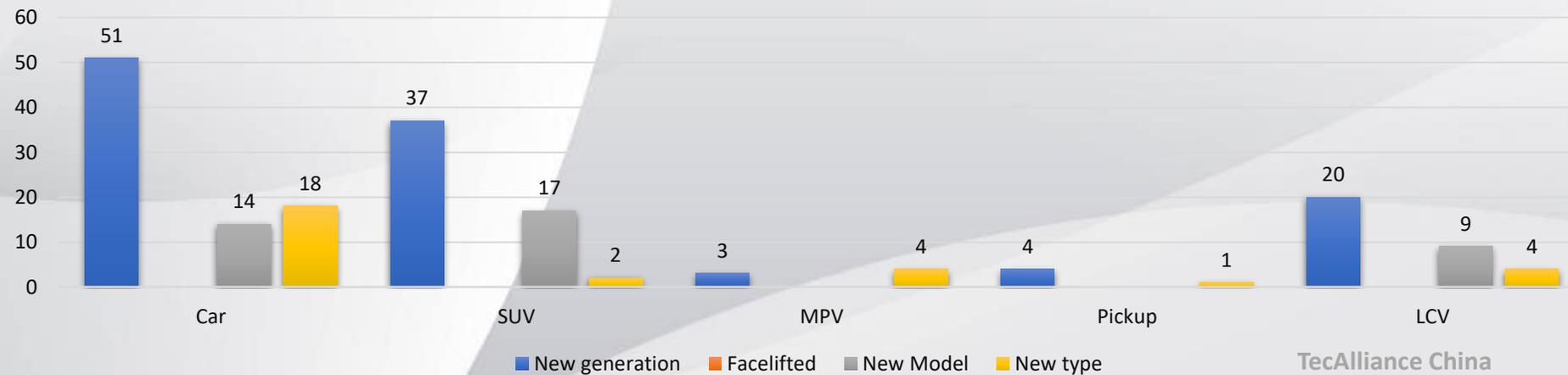
### New vehicle statistics



### New Vehicle Segment statistics



### Market segment type statistics



### Remarks:

All statistical data is based on K-Type. In **Jan-April 2023**, the total coverage of K-Type was 184, of which 69 were New K-Type.

**New model** means that launched model that did not exist before.

**New type** means that the new displacement and power have been launched.



# New Vehicle of Chinese new energy vehicles from January to April

## 69 New KTypes of EV launched in 2023



Ktype:7



Ktype: 7



Ktype: 7

#	Brand	Total	#	Brand	Total	#	Brand	Total
1	BYD	7	23	NETA (HOZON)	3	45	BESTUNE	2
2	AEOLUS	7	24	JINBEI	3	46	HONGQI	1
3	CHANA	7	25	MERCEDES-BENZ (BBDC)	3	47	GREAT WALL	1
4	LEAPMOTOR	7	26	DONGFENG (DFAC)	3	48	GEOMETRY	1
5	SRM (BRILLIANCE)	6	27	LINGBOX	3	49	AVATR	1
6	MERCEDES-BENZ	6	28	JIANGNAN	3	50	VIAUTO	1
7	RAUTO	6	29	KARRY	3	51	LEXUS	1
8	GAC NE	5	30	FARIZON AUTO	3	52	NIO	1
9	FENGXING	5	31	SOL	3	53	MG (SAIC)	1
10	POLESTAR	5	32	GEELY	3	54	BAIC	1
11	BAW	4	33	GENESIS	3	55	YUDO	1
12	VW (SVW)	4	34	MAPLE	3	56	NAC IVECO (NAVECO)	1
13	TESLA	4	35	JAC	2	57	EV HOUSE	1
14	XIAOPENG	4	36	WULING (SGMW)	2	58	BMW (BRILLIANCE)	1
15	CHERY	4	37	AITO	2	59	SKYWORTH	1
16	ZEEKR	4	38	AUDI (FAW)	2	60	JMC	1
17	NETA (HOZON)	4	39	TOYOTA (FAW)	2	61	RADAR	1
18	BMW	4	40	MODERN AUTO	2	62	VOYAH	1
19	SKYWELL (KAIWO)	4	41	FORD (JMC)	2	63	VENUCIA	1
20	BUICK (SGM)	3	42	IM MOTORS	2	64	MAXUS	1
21	JMEV	3	43	CHANGAN	2	65	RCEV	1
22	ORA	3	44	AUDI (SAIC)	2			

**Remarks:**

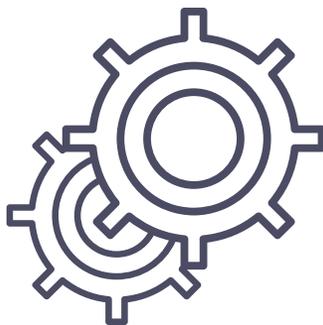
All statistical data is based on K-Type. January to April 2023, the total coverage of K-Type was 184, of which 69 were New K-Type



# 02 | TecAlliance Data

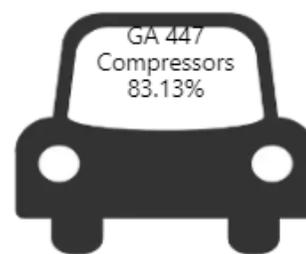
(OES)





# OES Data Overview




**NUMBER of GA for  
NEV**
**10**
**NUMBER of GA for  
NEV & ICE**
**58**
**NEV SEGMENT GA by VIO COVERAGE**

GA ID	GA Description	Coverage
447	Compressors	83.13%
854	Shock Absorber	82.90%
402	Pad (disc brake)	81.89%
424	Interior air Filter	81.35%
273	Track Control Arm	81.17%
82	Disc	80.91%
654	Wheel Bearing Kit	80.05%
298	Wiper Blade	78.37%
448	Condenser	76.71%
83	Brake hose	73.63%
78	Caliper cylinder (housing)	72.29%
1	Starter Battery	71.82%
3229	Link,(Rod/Strut) stabilizer	67.64%
1180	Suspension Strut Support Mounting	61.62%
793	Electric Motor Blower	59.46%
508	Radiator Fan Complete	59.29%
219	Gas spring boot-/cargo area	57.88%
1182	Rubber Buffer, suspension	53.13%
3365	Cover/Rubber Boot, shock absorber	51.47%

**NEV SEGMENT GA by VIO COVERAGE**

GA ID	GA Description	Coverage
1626	Friction Bearing	50.96%
471	Evaporators	50.49%
467	Heat Exchanger, interior heating	49.01%
2232	Wheel Sensor,tyre pressure control system	47.93%
1351	Additional Water Pump	47.33%
183	Expansion Valve, air conditioning	46.78%
914	Tie Rod End	46.07%
1561	Regulator>window	43.13%
13	Drive Shaft	39.55%
331	Bushing, stabilizer	37.72%
397	Expansion Tank, coolant	34.61%
5031	Radiator, Drive Battery	30.06%
301	Wiper Arm,windscreen washer	28.78%
655	Wheel Bearing	26.45%
123	Drum	25.94%
51	Axial Joint (steering)	25.72%
5314	Screw Set, brake disc	24.39%
70	Shoe (drum brake)	24.38%

TecAlliance China

**NEV SEGMENT GA by VIO COVERAGE**

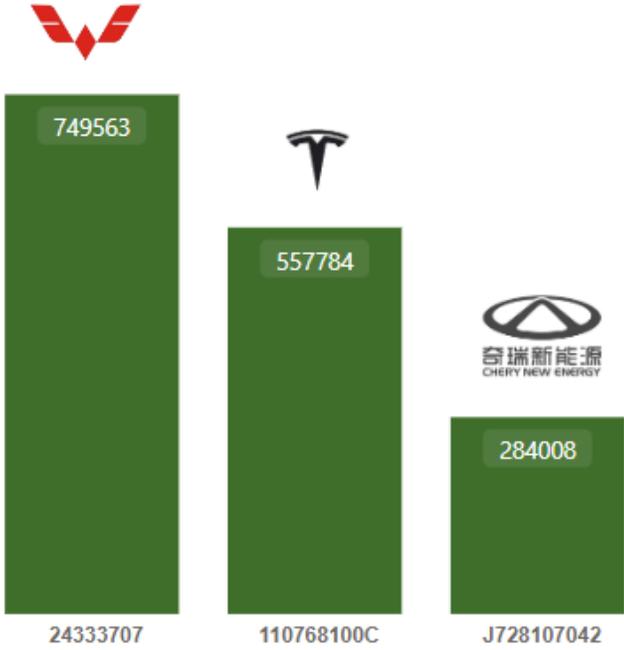
GA ID	GA Description	Coverage
124	Primary handbrake cable	23.66%
191	Bellows (steering)	22.97%
2462	Ball Joint,(Support-/Controlarm Link)	22.83%
200	Electro Motor, window regulator	21.99%
251	Control Arm-/Trailing Arm Bush	19.53%
514	Gas spring engine flap	18.55%
919	Dust Cover Kit, shock absorber	18.55%
851	Receiver Driers	14.28%
300	Wiper Linkage	12.40%
299	Wiper Blade Rubber	12.20%
788	Electric Motor, sunroof	6.74%
2323	Radiator Fan Shroud	6.43%
195	Bellow Kit (steering)	6.33%
2229	Valve, tyre pressure control system	2.88%
4118	Air Spring Strut	2.45%
194	Boot Kit, Drive Shaft	1.45%
5	Joint Kit, drive shaft	1.36%
792	Radiator Fan Motor	1.11%

# TACN PADS NEV DASHBOARD

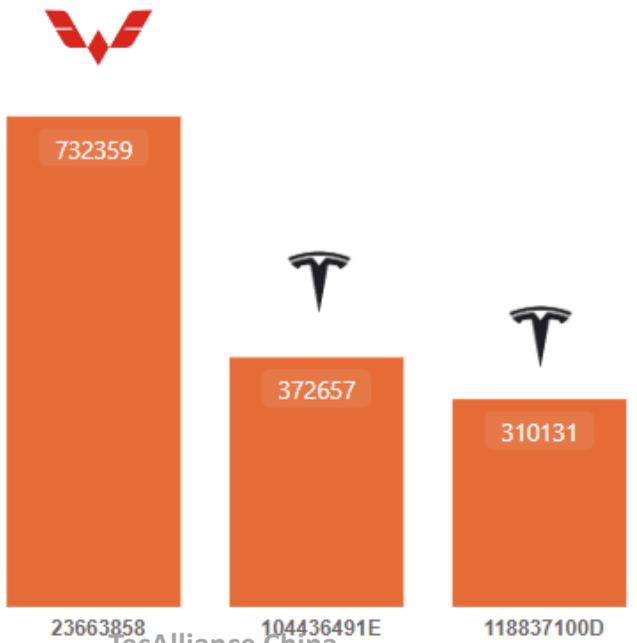
VIO Coverage base on 2022H1 | May-2023 Update



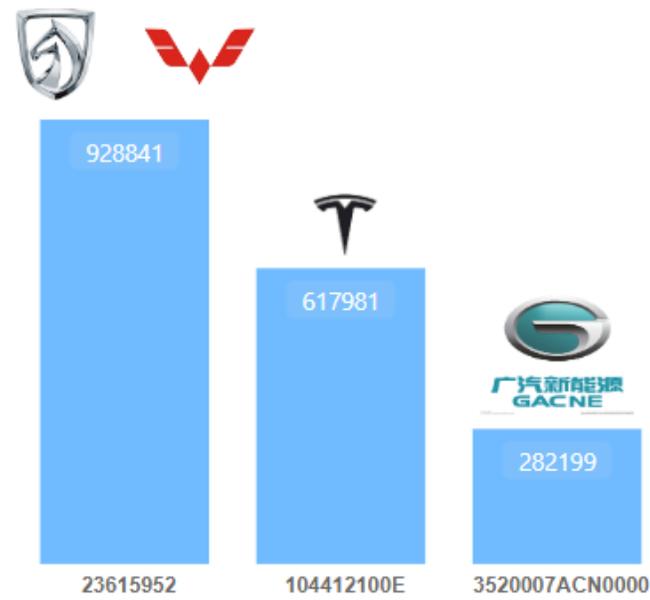
## Top 3 Coverage of OE | GA 424 Interior Air Filter



## Top 3 Coverage of OE | GA 854 Shock Absorber



## Top 3 Coverage of OE | GA 654 Wheel Bearing Kit



**K-TYPES Researched**  
**YTD 2023**

**514**

**OE NOs Researched**  
**YTD 2023**

**14K**

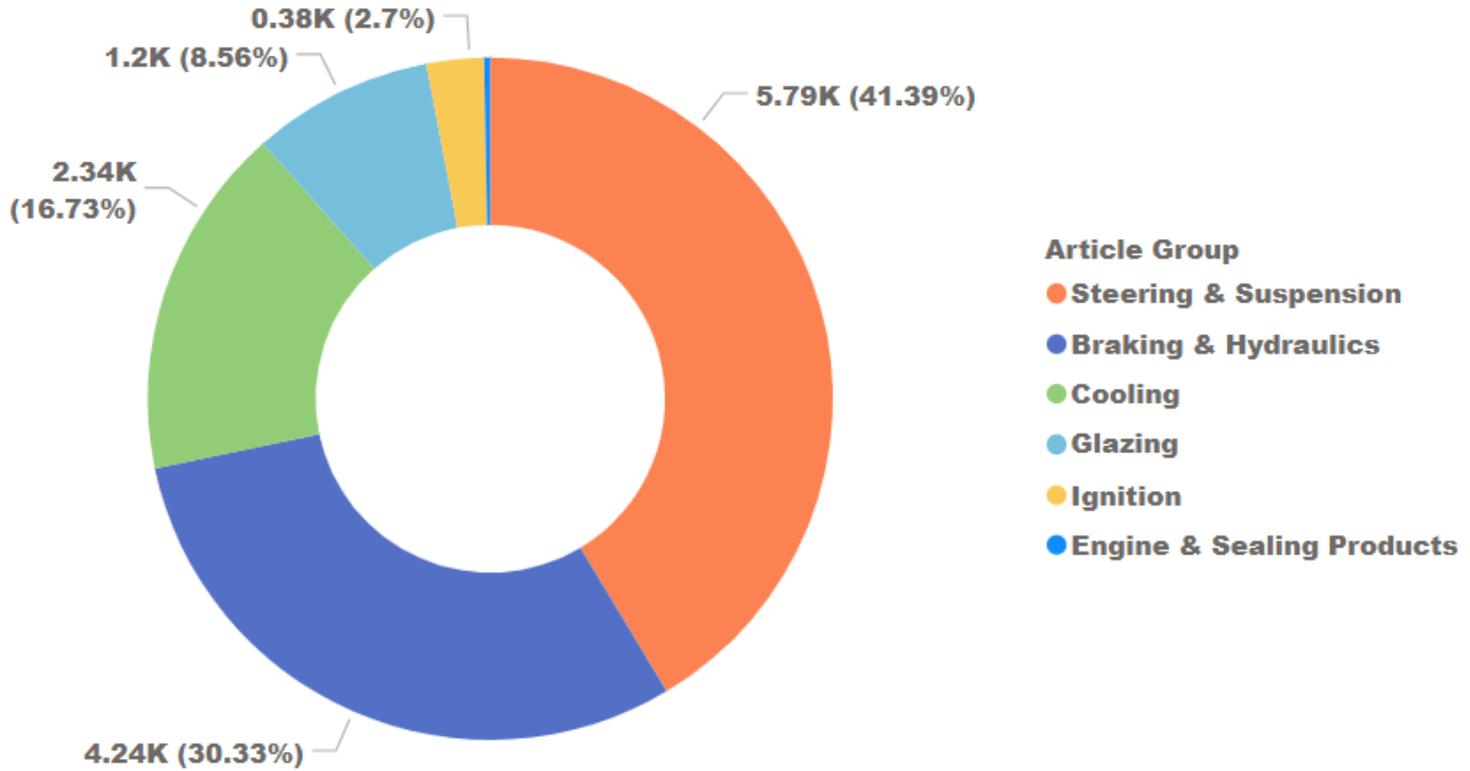
**GA Researched YTD**  
**2023**

**86**

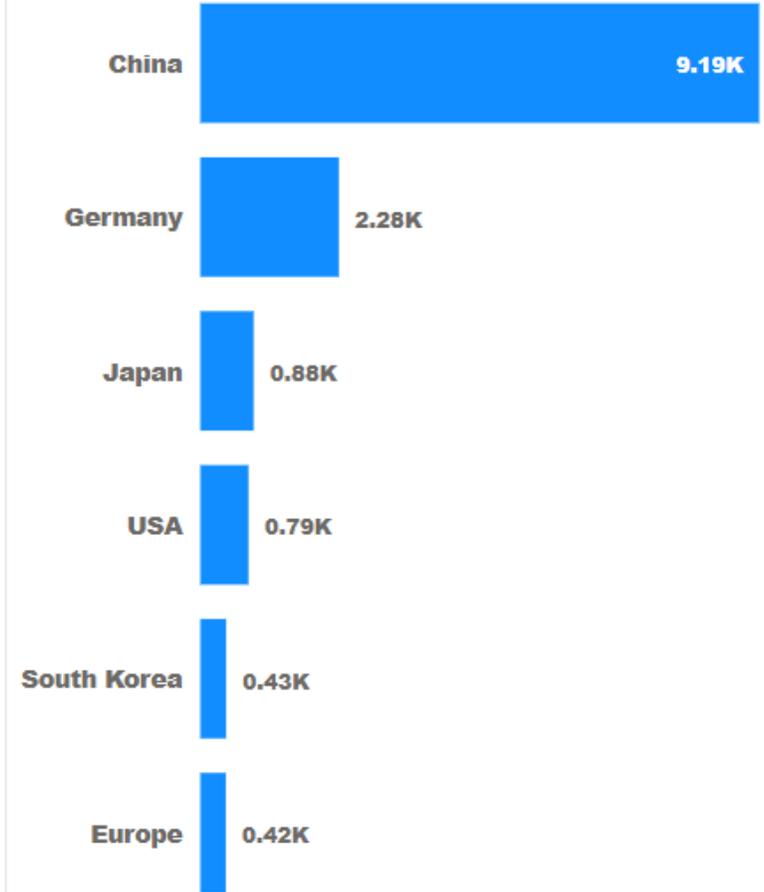
**Vehicle Brands Covered**  
**YTD 2023**

**101**

**Total Group by Number of OE**



**Total Brand Series by Number of OE**



# 03 | Company News

- Captcha logic updated on TecDoc Web Catalogues
- Our partner programme fuels global growth in the automotive aftermarket

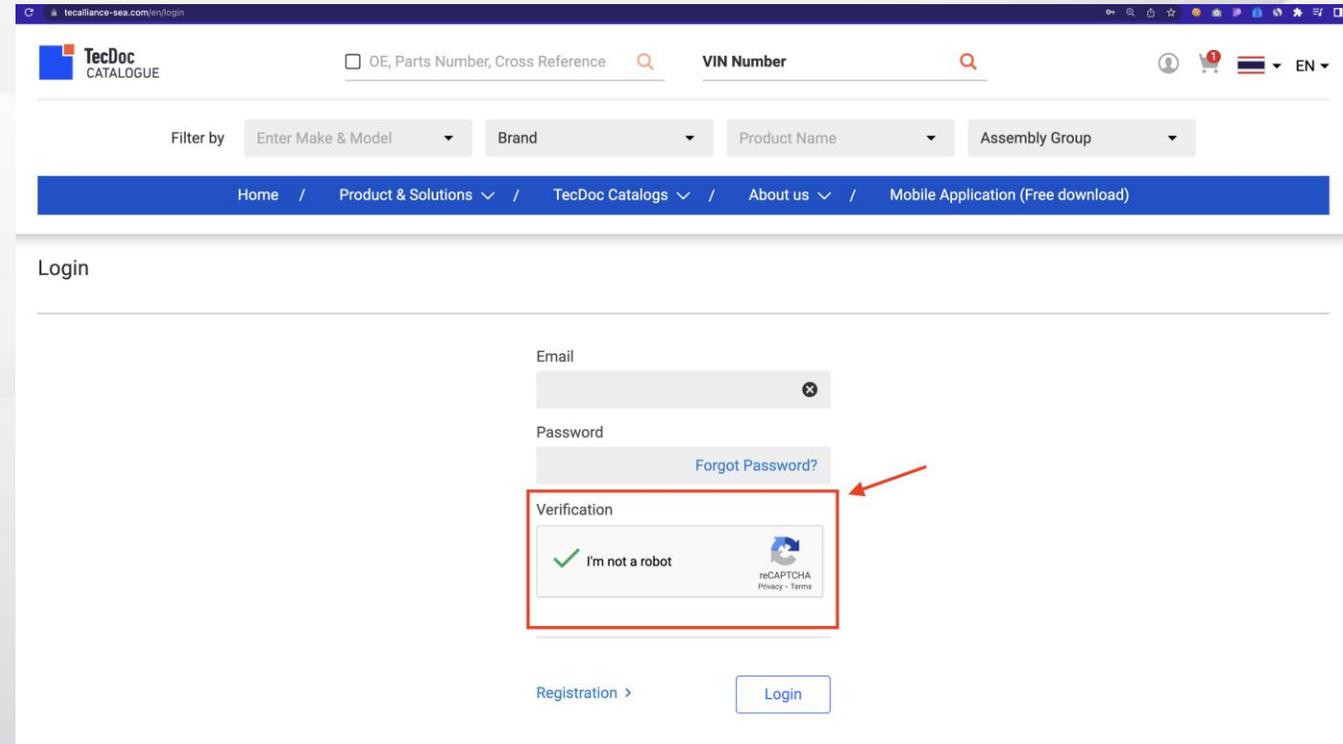




### Captcha logic updated on TecDoc Web Catalogues

Thanks to the intuitive interface design of our time-tested TecDoc Catalogue and the vast & reliable database that underpins it, users can always get the most accurate results for parts search within short time. Now, to further improve catalogue user experience, we have implemented a new Captcha logic on our TecDoc Southeast Asia Catalogue ([www.tecalliance-sea.com](http://www.tecalliance-sea.com)) and TecDoc Korea Catalogue ([www.tecalliance.kr](http://www.tecalliance.kr)) to tell humans from computers.

The new Captcha logic that we now apply on these two catalogues is Google reCAPTCHA. Users can easily pass the login/registration page with only one click on the verification picture, instead of taking time to identify and enter the 6-digit number(s) + letter(s) + sign(s) combination on old Captcha pictures.





### Our partner programme fuels global growth in the automotive aftermarket

Leading data management specialist in the independent automotive aftermarket, TecAlliance, celebrates the success of its new Partner Program (TAPP) with over 250 registrations since its launch in January. The program, designed to support software resellers, vendors, and consultants on a global scale, has received substantial interest from various regions across the world.

The programme offers a range of benefits to partners, including comprehensive training, individual support, and access to marketing and sales materials. Since its inception, TAPP has attracted partners from various regions, with around 50% of registrations originating from Europe and the remaining from other parts of the world. Many partners expressed their intention to expand their operations globally, the majority catering primarily to garages, retailers, and jobbers, but some of them also to parts manufacturers, as well as fleet and insurance companies.

TecAlliance has been empowering automotive aftermarket players for nearly three decades, enabling parts manufacturers, dealers, workshops, and fleet operators to thrive with standardised data solutions. The introduction of the partner programme further amplifies the growth potential for both new and existing partners, equipping them with the necessary skills, accelerated growth opportunities, and increased earning potential.

For more information about TecAlliance Partner Programme, please click →



#### Registration by scanning code



China Market

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Southeast Asian Market

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# TecAlliance Marketing Campaign 2023



- 2023.02.15 - 18** Automechanika Shanghai/Shenzhen, China
- 2023.03.07 - 09** International Auto Aftermarket Expo (IAAE), Tokyo, Japan
- 2023.03.29 - 30** Flotte! Der Branchentreff, Dusseldorf, Germany
- 2023.03.16 - 18** Automechanika Kuala Lumpur 2023 (AMKL 2023), Malaysia
- 2023.04.05 - 08** Thailand Auto Parts & Accessories 2023 (TAPA 2023), Bangkok
- 2023.04.12 - 15** Taipei AMPA, Taiwan
- 2023.04.27 - 29** China Automobile Parts Fair, kungming, Yunnan
- 2023.04.25 - 29** Automec, Sao Paulo, Brasilien
- 2023.05.24 - 26** INAPA JAKARTA 2023 (Indonesia International Trade Show), Jakarta Indonesia
- 2023.06.07 - 09** Automechanika Birmingham, UK
- 2023.06.23 - 25** Automechanika HCMC 2023, Ho Chi Minh City, Vietnam
- 2023.09.05 - 07** Automechanika Johannesburg, Sudafrika
- 2023.10.02 - 04** Automechanika Dubai, Vereinigte Arabische Emirate
- 2023.10.31 - 11.02** AAPEX Show, Las Vegas, USAZ
- 2023.11.29 - 12.02** Automechanika Shanghai, China

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## Global Web Catalogue



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THANK YOU!

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