

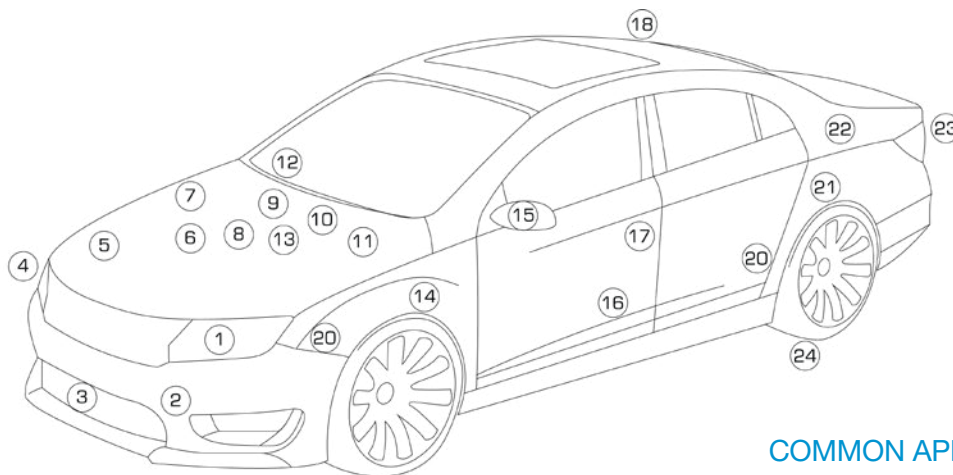
POREX® Automotive Components

Global Leader in Sintered Porous Materials



POREX®: Paving the Road to Automotive Excellence

Since the early 1970's POREX® has led the pack in the design and development of porous plastics components for the automotive industry. From the original sintered porous plastic flame arrestor which dramatically improved lead-acid battery safety to today's high-temperature POREX® Virtek™ PTFE protection vents, POREX® continues to be the global leader automotive OEMs rely on for standard and custom components for their venting, filtering, wicking and absorbing applications.



COMMON APPLICATIONS

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|-------------------------|--------------------------------------|------------------------------------|------------------------|-----------------------------|
| ① Headlamp Vents | ⑥ O ₂ /Gas Sensor Vents | ⑪ Battery Vents | ⑱ Electric Motor Vents | ⑲ Fuel Cell Vents & Filters |
| ② Sensor Components | ⑦ Air Circulation Filters | ⑫ Windscreen Wiper Vents | ⑳ Key FOB Vents | ⑳ Tank Venting |
| ③ Horn Vents | ⑧ Oil Micro Filter | ⑬ Hydraulic System Vents & Filters | ⑲ Audio System Vents | ㉓ Tail Lamp Vents |
| ④ Signal Lamp Vents | ⑨ Fluid System Cap Vents & Filters | ⑭ Actuator Vents | ⑲ Gearbox Vents | ㉔ Tire Pressure Sensors |
| ⑤ Steering System Vents | ⑩ ECU & Electronics Protection Vents | ⑮ Collision Avoidance Components | ㉔ Battery Pack Vents | |



Driving Your Design Success

When it comes to advanced porous components for automotive applications, POREX® has you covered bumper-to-bumper. For sealed enclosures, our high-performance POREX® Virtek™ IP-rated PTFE vents are designed to provide ventilation and pressure equalization as well as a barrier from dust, water and automotive fluids. In addition to preventing sparks from entering the battery, POREX® battery vents provide controlled airflow, venting, and optimized back pressure - reducing the risk of acid spillage and aerosol emissions. Our high-performance components are available in POREX® Virtek™ PTFE, PE, PP and many other materials - and designed to meet all of your venting, filtering, wicking and other functional automotive needs.

Applications

- Lighting vents
- Motor system vents
- Oil/Water separator media
- Hydraulic and fluid system filters & vents
- Sensor & sensing system components
- Battery system vents
- Electrical enclosure vents
- Container vents & filters

Features

- Cost-effective
- Many stock products
- Highly customizable if needed
- Robust sintered structure
- IP 65, 66, 67 & 68 ratings (POREX® Virtek™ PTFE)
- Tight pore size & volume control
- Wide variety of porous material technologies
- Global manufacturing & engineering support

About POREX

Porex Corporation is a time-tested market leader in porous materials development, manufacturing and innovation. Throughout the years, we've helped some of the best ideas in the electronics, healthcare, consumer, and industrial markets become reality — and delivered the high-quality products our customers rely on to maintain their reputation, support their bottom line, and make life better for millions around the world.

Thousands of customers globally trust POREX® to develop and supply their porous materials needs.

For more information about Porex Corporation, visit porex.com or email us at electronics@porex.com.



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