



What is it?

Original Birth Shock absorbers represent an advanced solution for automotive suspension systems, designed to ensure active **safety, dynamic stability, and driving comfort** under all operating conditions.

Car shock absorbers are fundamental components that, working in synergy with springs and tires, perform an essential function in **controlling suspension oscillations**, regulating the energy generated by elastic elements and **ensuring optimal tire contact with the road surface**.

An efficient shock absorber helps preserve the dynamic characteristics defined by the OEM manufacturer, contributing to improved steering response, vehicle stability, and braking system effectiveness, even under demanding operating conditions.

Key elements of the suspension system

- Tire
- Spring
- Shock absorber

The proper integration of these components is essential to ensure **grip, stability, and overall vehicle safety**.



What is its function?

During driving, the suspension system is subjected to **continuous stresses generated by road surface irregularities, elevation changes, and dynamic loads**.

Shock absorbers play a fundamental role in **dissipating kinetic energy and stabilizing suspension movements**, preventing uncontrolled oscillations and resonance phenomena.

This makes it possible to keep the wheels in contact with the road, improving cornering stability, braking efficiency, and steering precision. Furthermore, an efficient shock absorber helps distribute the load correctly across the wheels, reducing uneven tire wear and enhancing driving comfort for both driver and passengers.

The proper functioning of shock absorbers is therefore essential to ensure safety and reliability under all driving conditions.

The range

The **Original Birth shock absorber range** is designed to offer a **reliable aftermarket replacement**, ideal for ensuring the vehicle's original performance with **excellent quality**. With 800 active part numbers, continuously expanding, the range ensures **coverage of almost the entire European car park**, meeting the needs of distributors, spare parts dealers, and industry professionals.

Our products:

- Designed according to technical specifications equivalent to **OE standards**.
- **Subjected to assembly testing and advanced dynamic tests** to ensure performance and compatibility.
- Technical **moisture-resistant and UV-resistant packaging**, suitable for transport and storage.
- Protective straps to ensure component stability during handling and transportation phases.
- Supplied with **detailed technical instructions** for installation in compliance with aftermarket best practices.
- **Supported by end-of-life disposal guidelines** in accordance with current regulations.
- Covered by a **2-year or 80,000 km warranty**, confirming the high Original Birth standards.

ACTIVE CODES

800

The range includes **oil and gas shock absorbers**, designed to ensure the right balance between driving comfort, stability, and durability over time.



Warning:

Shock absorbers are subject to progressive wear, and their deterioration often occurs gradually.

Signs of worn shock absorbers:

- **Steering wheel vibrations**
- **Increased braking distance**
- **Instability when cornering**
- **Persistent oscillations over road surface irregularities.**
- **Irregular tire wear**
- **Hydraulic fluid leaks**

TIPS!

Check the shock absorbers every 15,000–20,000 km and replace them approximately every 80,000 km, always in pairs on the same axle.

Related products

Furthermore, **Original Birth** offers a **complete range** of related components for the suspension system, enabling integrated service management. These include, in addition to **the mount itself, bearings, bump stops, and dust boots**. Original Birth also provides complete **"B-Kit"** solutions that include all the necessary components in a single package, **allowing installers to carry out a full repair while saving time and resources**.

A complete solution for professional suspension system maintenance.



Our products:

- All Original Birth strut mounts are OE equivalent and go under strict quality controls in our Lab.
- "B-Kit" are specifically designed to satisfy the Installer's needs by offering the right components for every single installment.
- Some components have been improved thanks to the use of the latest technologies available on the market and next-generation materials, also adapted for use on vehicles from previous generations.
- All parts are easily recognizable by the "Birth" logo and production lot, marked directly onto each product.



Warning:

- Early detection of wear signs is essential to prevent damage to the suspension system and higher costs: instability when cornering and the presence of sharp knocks on uneven road surfaces are typical indicators of worn components.

TIPS!

- For proper restoration of the suspension system, it is recommended to replace the complete kit (mount, bearing, bump stop, and dust boot) together with the shock absorber.
- Using worn or non-replaced components can compromise correct damping and significantly reduce the lifespan of the new shock absorber.
- Bump stops and dust boots ensure rod protection and proper end-of-travel function: their replacement is essential to maintain the system's performance.



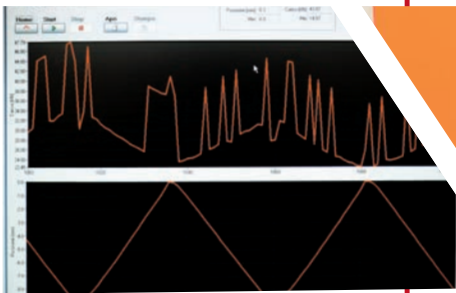
Why choosing Original Birth?

Choosing **Original Birth** means relying on a brand specialized in the automotive aftermarket, capable of offering **reliable, high-performance, and competitive technical solutions.**

Original Birth Shock absorbers are designed to meet the needs of the modern aftermarket, providing an ideal balance between **quality, performance, and value.**

Advantages of the range:

- Replacement part designed to **restore OE performance**
- High quality standards and rigorous technical controls
- **Wide coverage** of the vehicle fleet
- **Excellent quality-price ratio**
- **Compatibility** with the main suspension systems
- **Guaranteed traceability** thanks to production batch identification and the Original Birth branding directly on the product



Cyclic test

Test

- Tested up to **8 million compression cycles** to ensure long-term reliability.
- Applied load force exceeding **100 kg.**
- **Structural strength tests up to 3,000 kg** to verify component robustness.
- **Salt spray corrosion tests up to 500 hours** to ensure high resistance to weathering.
- Operational tests at temperatures from **-35°C to +90°C.**

Compression test

Don't forget!

In addition to shock absorbers, **Original Birth** offers a wide range of products: components for the cooling system, steering, suspension, mounts, engine and suspension bushings, gearbox parts, boots, drive shafts, steering box, wheel hubs, pedals, EGR valves, and many more.

