

TECHNOLOGY AND OPTIONS ICON GUIDE.



Technologies.



BILSTEIN original equipment.

For more than 60 years, we have been the development partner of choice for the suspension and shock absorber systems of renowned automakers.



BILSTEIN monotube technology.

Our monotube shocks provide greater damping power due to a larger surface area on the piston resulting in improved handling and consistent performance.



BILSTEIN round threads.

Round threading on our coilover shock bodies are less susceptible to wear caused by environmental influences such as dirt or road salt.



BILSTEIN ride height adjustment.

Our ride height adjustment products are thoroughly tested by BILSTEIN engineers. The two icons on the right indicate a lifting or lowering kit.



BILSTEIN gas-pressure technology.

In the 1950s, we developed gas-pressure technology to prevent damping power reduction caused by oil foaming.



BILSTEIN air suspension.

BILSTEIN OE replacement air springs are built with 100% new parts, restoring the original ride quality and safety of any air suspension system.



Threaded body adjustable range.

Round threading paired with sport springs at optimal fixed pretension, allow quick and easy adjustment as well as maximum stability in any situation.



Snap ring ride height adjustment.

Multiple OEM specified snap ring grooves are featured on select off-road shock absorbers for quick and easy adjustment to your vehicle's ride height.



BILSTEIN road test.

BILSTEIN shock absorbers undergo rigorous testing for objective criteria including safety, braking, steering behavior, dynamic driving, and comfort.



BILSTEIN-Triple-C-Technology®.

BILSTEIN-Triple-C-Technology® is a high-performance, three layer coating. It's been specially developed for lasting corrosion protection on our coilovers.



BILSTEIN 1-way adjustment.

BILSTEIN 1-way adjustment provides damping power refinement through an easily accessible adjustment knob with 10 tactile clicks.



Large off-road piston.

Due to its increased surface area, our large off-road piston design enables a finer, controlled ride over rough terrain.



BILSTEIN twin-tube technology.

Twin-tube shocks utilize double-walled technology, where the piston divides the interior oil chamber into two working chambers.



BILSTEIN zinc and nickel plating.

Featured on select off-road suspension systems, zinc or nickel plated coatings increase durability and expands the lifetime of the shock.



BILSTEIN 2-way adjustment.

Both rebound and compression forces can be adjusted independently via the two easily accessible knobs offered with BILSTEIN 2-way adjustment technology.



Remote reservoir.

With a remote reservoir, oil capacity is expanded, increasing wheel travel and creating greater heat dissipation for long-term durability.

Electronic options.



BILSTEIN DampMatic®.

BILSTEIN DampMatic® is the ideal OE replacement for DampMatic®-equipped Mercedes-Benz vehicles. It automatically adjusts damping force for ideal driving comfort in all conditions.



BILSTEIN DampTronic®.

BILSTEIN DampTronic® dampers use factory electronic adjustment systems to automatically adapt to road conditions. This enables perfect control and handling.



BILSTEIN ridecontrol®.

BILSTEIN ridecontrol® allows drivers to reconfigure suspension settings on-the-fly through a button on the dashboard.



BILSTEIN iRC®.

BILSTEIN iRC® with 3D-G acceleration sensors allow you to actively and individually configure your suspension through the BILSTEIN ridecontrol® app.