



Gabriel[®]
THE ORIGINAL

PRODUCT
GUIDE

Perfecting shock absorber technology since 1907



Gabriel® has been making shocks since 1907 when we invented the first automotive shock absorber. And today, after perfecting shock absorber technology for more than 100 years, we know that it is what's on the inside that counts.

Pressure Tube - Smoothed Seam

Gabriel's metal forged D.O.M. (Drawn Over Mandrel) process removes weld seam imperfections from the tube surface. This smoother surface reduces friction and leads to longer product life.



Smooth D.O.M. inner tube surface - no seam

Chromed and Super-Finished Piston Rod

Gabriel® is the only full-line ride control manufacturer to offer super-finished chromed piston rods on every shock and strut – not just the premium ones. It ensures you that every shock and strut is of the highest quality and provides long-lasting durability.



Chromed and super-finished rod

Adjusting Piston Valve Assembly

Gabriel's O-Ring piston seal adjusts as it wears to maintain a tight seal between the piston and pressure tube. This minimizes leak paths for a longer product life.



Durable valve design adjusts for wear

Dirt Wiper Oil Seal

Gabriel integrates a dirt wiper above the oil seal to help keep road debris and grit from getting inside the seal and the shock for longer product life.



Dirt wiper is similar to OE designs

All our products are backed by more than 100 years of innovation, engineering expertise and continuous improvement in ride control products. We go to great lengths to ensure all our new light vehicle shock and strut designs are extensively tested for proper fit, ride, and durability to provide you with the highest quality, long-lasting performance, and smoothest installations.





G-Force™ Technology



G-Force™ is the perfect combination of safety, performance and durability that you'll only find in our line of Gabriel® Ultra™ shocks and struts, and Ultra™ ReadyMount® struts.

All shocks are built to last. Ours are just built to last longer.

All Gabriel® Products Feature:

Todos los productos Gabriel:

High-Pressure Gas
Quicker response with reduced fade

D.O.M. Tubing
Reduces internal wear for longer product life

StableSteer™ Valving
Improves tire contact with the road for safety and control

Infinitely Variable Damping
On-demand control for all road conditions

Single-Lip Oil Seal
OE-design single-lip oil seal minimizes friction for optimal comfort and performance



Super-Finished Chromed Piston Rod
Provides superior corrosion resistance, performance and product life

Leak-Proof Piston Seal
Self-compensates for wear, extending product life

Sintered Iron Piston
Durability and maximum shock performance

Orifice Control Disk
Consistent control for comfort and stability

Heavy-Duty Compression Head
Reliable performance under extreme conditions

You have a lot riding on Gabriel® ReadyMount® fully loaded struts...

All Gabriel ReadyMounts are precision engineered to meet OE safety & structural strength requirements and are tested by Gabriel's extensive proprietary system level and real world Fit & Ride tests.

- Delivers OE (or better) ride performance
- Saves up to 1½ hours during installation
- Backed by 100+ years of Gabriel® engineering expertise

Don't settle for anything less.

For well-tested durability and performance, choose Gabriel® ReadyMount®, every time.



...So do we.
That's why we go the
extra mile to give you more.

Ultra™

Precision engineered for digressive driving characteristics that maintain greater vehicle agility and responsiveness at higher speeds, premium Ultra™ ReadyMount® pre-assembled struts have become one of the broadest lines available in the marketplace today.

- Superior engineering, testing and components provide the most premium pre-assembled strut available.
- Includes premium Ultra Strut
- OE grade alloy steel coil spring
- Upper strut mount fit & ride tested
- Noise dampening strut bumper & spring isolator
- High performance body control for sport modes
- Award winning G-Force Technology including:
 - StableSteer valving technology
 - Infinitely variable damping



Ultra™ ReadyMount® (G56000/G57000 Series)

Guardian™

Guardian™ ReadyMounts® are designed and priced to fit a variety of budgets with no compromise in safety or structural strength. Guardian ReadyMounts feature the new Guardian strut with conventional disk valving enabling proportional damping based on the speed of the vehicle-to-road impact for better comfort at normal driving conditions.

- Plush Ride driving characteristics
- OE grade alloy steel coil spring
- Racing-style bellows dust shield



Guardian™ ReadyMount® (M56000/M57000 Series)

Shocks and Struts for Passenger Cars, Light Trucks and SUVs



Ultra™ LT Shock Absorbers (G63000/G64000 Series)

Ultra™

- Precision engineered for the ultimate in safety and performance
- Equipped with G-Force™ Technology, including:
 - **StableSteer™ Valving** – Improves tire contact with the road for safety and control
 - **G-Force™ Piston** – Sintered iron construction for durability and maximum shock performance
 - **Orifice Control Disk** – Consistent comfort and stability
 - **OE-Design Single-Lip Oil Seal** – Minimizes friction for optimal comfort and performance



Ultra™ Passenger Car Shock Absorbers (69000/70000 Series)



Ultra™ Struts (G52000/G55000/G56000 Series)



Ultra™ Spring Seats (G51000 Series)



Ultra™ Strut Cartridges (G44000 Series)



ProGuard®

Shock Absorbers (61000 Series)

- Engineered for comfort and control in today's trucks, vans and SUVs
- Piston seal reduces oil by-pass for maximum shock control and performance
- Larger reservoir tube provides better cooling for longer life
- Low friction oil seal for greater comfort and longer shock life
- 1 $\frac{3}{8}$ " (35mm) bore piston construction for greater durability



Guardian™

Shock Absorbers (81000 Series)

- Aftermarket engineered for OE-like performance
- High-quality comfort and performance at an economical price
- Nitrogen gas charged for superior response and consistent control



Guardian™

Struts (M51000/M52000/M55000/M56000 Series)

- All weather oil
- Super finished chromed piston rod
- Sintered iron piston



Inspection should be made by a qualified professional. Replacing shocks or struts at regular 50,000 mile intervals may create a safer and more comfortable ride in most vehicles. Actual mileage intervals may vary based on vehicle, manufacturer's specifications, vehicle use and environment.

Shocks and Specialty Products



MAX CONTROL™ MONOTUBE SHOCK BY Gabriel®

Refined to meet the greater performance demands of today's driver, MaxControl™ features a **rod guide bearing** system that allows smooth and effortless rod movements for **greater sensitivity and response**, and an additional **external rod seal**, keeping the chamber virtually debris-free for **longer-lasting performance** under any condition.

For superior ride and handling for any light truck or SUV, introduce your customers to the best-in-class technology of MaxControl.

MaxControl™ (75000/77000/79900 Series)

- **MaxComfort** – Larger 1¹³/₁₆" (46mm) bore size allows the shock to react quicker to bumps and other road imperfections, creating the smoothest ride possible
- **MaxEndurance** – Single-tube design and multi-stage sealing minimize chamber temperature and debris entry for longer-lasting performance
- **MaxPerformance** – High-pressure nitrogen gas and floating piston technology allow the shock to immediately react to steering wheel movements, providing the ultimate in handling and performance
- **MaxSafety** – Sensitivity and quick response time keep tires in contact with the road to maximize braking effectiveness, keeping you in control at all times



LTV™ Commercial Series

(58000 Series)

- The ultimate commercial-duty shock for fleet use
- Designed specifically for heavy-duty use on light trucks and vans
- Oversize 1 $\frac{1}{8}$ " (41mm) piston bore with durable sintered iron piston and compression head
- Arc-welded end mounts for maximum strength



HiJackers® Shock Absorbers

(49000 Series) Pair Pack

- America's best-known air-adjustable shock absorber
- Ideal for temporarily towing boats and trailers or for heavy loads
- Can help improve handling and can reduce the risk of bottoming out
- Up to 1,100 pounds per pair of leveling capacity [Not to exceed vehicle GVWR (Gross Vehicle Weight Rating). Product does not increase payload]



Air Hose Kit

(141099)

- A compatible and complete hose kit for air adjustable shocks
- Easy to install
- Durable
- Hose, O-ring, fitting, valves included



Classic® Shock By Gabriel®

(82000 Series)

- Modern gas shock technology for classic, collectable and limited registration vehicles
- Application-tuned to the specific needs of your vehicle
- Provides improved performance and handling



Strut Cushion®

(143000 Series)

- Racing-style, bellows dust shield seals out dirt and moisture
- Consolidated design offers substantial vehicle coverage



Strut Mount™

(141000/142000/143000 Series)

- Meets or exceeds OEM/OES requirements
- Installation hardware kit included where applicable
- Hardware from Original Equipment Part may need to be reused

Shocks and Specialty Products for Light Vehicles



Front & Rear Spring Assist

(34/43000 Series) Pair Pack

- Combines shock and spring technology
- Constant-rate front coil springs can help improve stability and restore or maintain ride height
- Variable-rate rear coil springs provide 500 lbs. per pair of load capacity [Not to exceed vehicle GVWR (Gross Vehicle Weight Rating). Product does not increase payload]
- An economical solution for heavier-duty use



Steering Stabilizers

(6800SE Series)

- Improves handling and control
- Provides added damping of steering system's lateral motion
- Urethane bushings, premium high-performance fluid and fade-resistant foam cell
- Increases safety through improved handling



Steering Dampers

(14000 Series)

- Replacement steering dampers offer superior handling
- Reduces shimmy and wear on tires and other front end parts
- Minimizes unwanted movement in the steering system for improved control
- Increases safety through improved handling



Steering Stabilizer Boot

(142001, 005, 008)

- Protects rod from road debris
- Small investment for maximum protection
- Customizes your vehicle's appearance
- Comes in red, black or blue



Heavy-Duty Shocks for Class 3-8 Trucks, Trailers, and Buses

FLEETLINE® AND GasSLX®



Fleetline® Cab Shocks

Heavy-duty shocks specifically designed to improve comfort and reduce vibration in cab suspensions

- 1", 1 3/16", 1 3/8", 1 5/8" bore sizes to address all cab suspensions and designs



83000 Series

A heavy-duty product designed for class 3 - 6 vehicles and heavy truck suspensions

- 1 3/8" bore
- 10-stage valving
- Self-compensating piston seal for consistent damping throughout the shock life



85000 Series

A heavier-duty product designed for class 6 - 8 trucks, buses and trailers

- Larger 1 5/8" bore for increased durability
- Bulged design* for increased fluid capacity and cooler operation in extreme conditions
- Custom blended High Temperature (H.T.) fluid reduces friction and wear in extreme operating conditions**
- Self-compensating piston seal for consistent damping throughout the shock life

H.T.
FLUID



89000 Adjustable Series — GasSLX®

Premium, adjustable, heavy-duty gas shock for class 7 - 8 vehicles, school buses and transit buses

- Three position adjustability offers personal ride selection: regular, firm and extra firm
- Specially formulated H.T. fluid reduces friction and wear in extreme operating conditions
- Unique Gas Cell design double seals for superior gas retention
- 1 5/8" bore, forged solid steel eye rings and 360° arc-welded end mounts for superior durability

H.T.
FLUID

* 85300 Series and 85700 Series

** Where applicable