

The Original  
**Gabriel**<sup>®</sup>

Ride the independent spirit<sup>™</sup>

# PRODUCT GUIDE



# The secret to making great shocks? It's what's inside.

PN 69600

## Quality and Durability - built into every one

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 - D.O.M.

- Gabriel's metal forged D.O.M (Drawn Over Mandrel) process removes the weld seam and imperfections from the surface
- This smoother finish surface reduces friction and leads to a longer product life
- Gabriel's surface smoothness measures at 3.0\*, which indicates a smoother tube surface. Competitors' measure as high as 36.0\*



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

### Chromed and Super-Finished Piston Rod

- The rod surface is chromed and super-finished to prevent corrosion
- The super-finished chrome carries the proper amount of lube to the seal, providing a consistent wear surface and longer product life
- Competitors' rods show corrosion, Gabriel's remain clean\*\*



Chromed and super-finished rod

### Durable Piston Valve Assembly

- Gabriel's piston valve assembly design is extremely durable
- 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
- Many competitors' valves don't use an O-Ring and don't adjust for wear over time



Durable valve design adjusts for wear

### Dirt Wiper Oil Seal

- Gabriel's integrated dirt wiper raises above the oil seal to help keep road debris, dirt and grit from getting inside the seal and the shock
- Many competitors' products don't contain a dirt wiper



Dirt wiper is similar to OE designs

\* In Gabriel tests

\*\* Both rods went through the same industry standard 96-hr ASTM-B117 salt spray test

# G-Force™ Shock Absorber Technology



**Shock absorber technology so advanced, it's measured in G-Force.™**

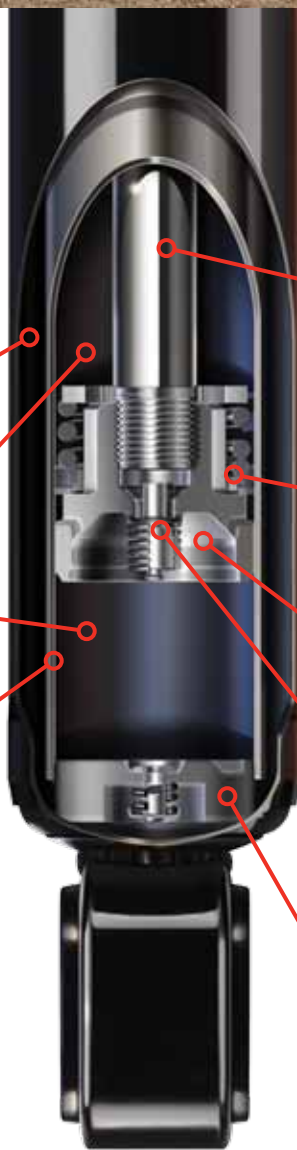
**High-Pressure Nitrogen Gas**  
Quicker response with reduced fade

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

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

**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



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

## All Gabriel® Products Feature:

**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

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

Ride the independent spirit™

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

Gabriel knows strut assemblies are vital to vehicle safety. That's why we're relentless in our efforts to provide the most durable, premium pre-assembled strut available – our Gabriel ReadyMount.™

## Proven Endurance

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- 1,000,000-cycle validation of every new strut design
- Super-finished chromed piston rod for superior corrosion resistance

## Rigorous Testing for Dependability

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- More than 10 grueling component and unit tests on each new design ensure function, proper wear and durability to reduce comebacks

## Superior Engineering Expertise

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Precision Engineered

- Engineered with precision to the OE part specifications

## Total Confidence

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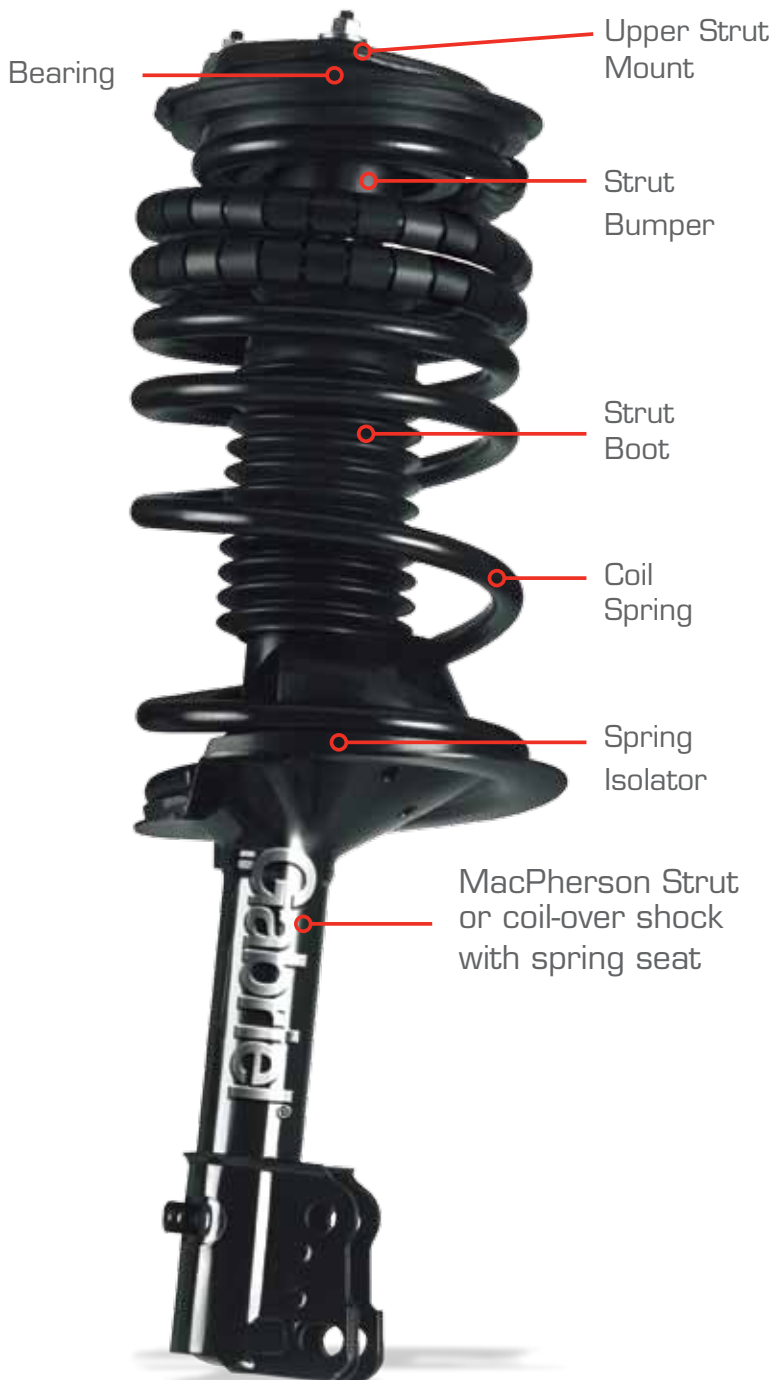
Fit-tested



Ride-tested

- Each new ReadyMount design is Fit- and Ride-tested on the same vehicle application for which it was designed to ensure:
  - Faster installations
  - Fewer comebacks
  - Perfect fit

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



- 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.**



Ride the independent spirit™

# 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<sup>3</sup>/<sub>8</sub>" (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



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 1<sup>13</sup>/<sub>16</sub>" (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 $\frac{5}{8}$ " (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 Stabilizer Bracket

(1300 Series)

- Application specific to pair with steering stabilizer
- Includes hardware

## 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



## 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

\* 85300 Series and 85700 Series

\*\* Where applicable