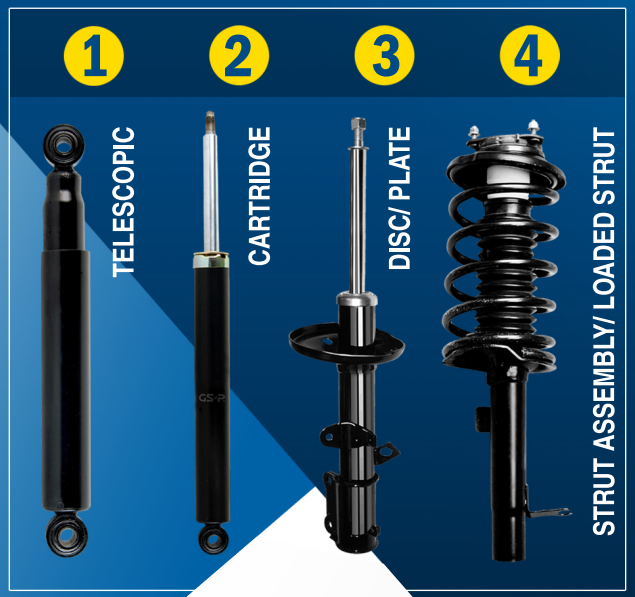
# 4 Types of Shock Absorbers




## Oil or Gas?

Oil charged shocks are filled with oil that works with internal valving to provide a smooth comfortable ride. An oil charged shock has its limitations and could provide less control when needed most.

Gas shock absorbers use a combination of oil and nitrogen gas to provide the dampening force. A gas filled twin tube shock will give the driver more stability and control in all conditions. The internal pressure of a gas charged shock absorber also results in quicker response in all driving conditions.

GSP® LATIN AMERICA

# Shock Absorbers

GSP is the worldwide leader in suspension. GSP shock absorbers are manufactured with highest quality materials and components. With innovative equipment, GSP is able to produce stricter tolerances and longer lasting products.

Each GSP Shock Absorber is designed and tested to meet or exceed OE specifications to ensure the proper fitment for your vehicle.

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GSP® SINCE 1985

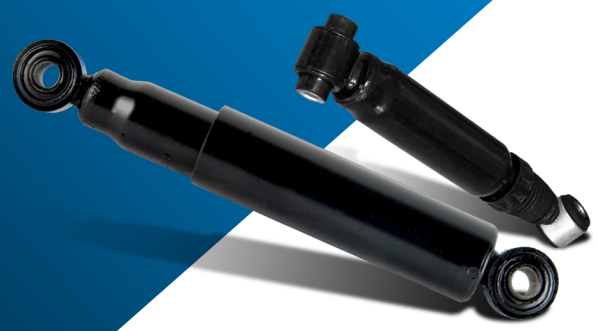
# Shock Absorbers

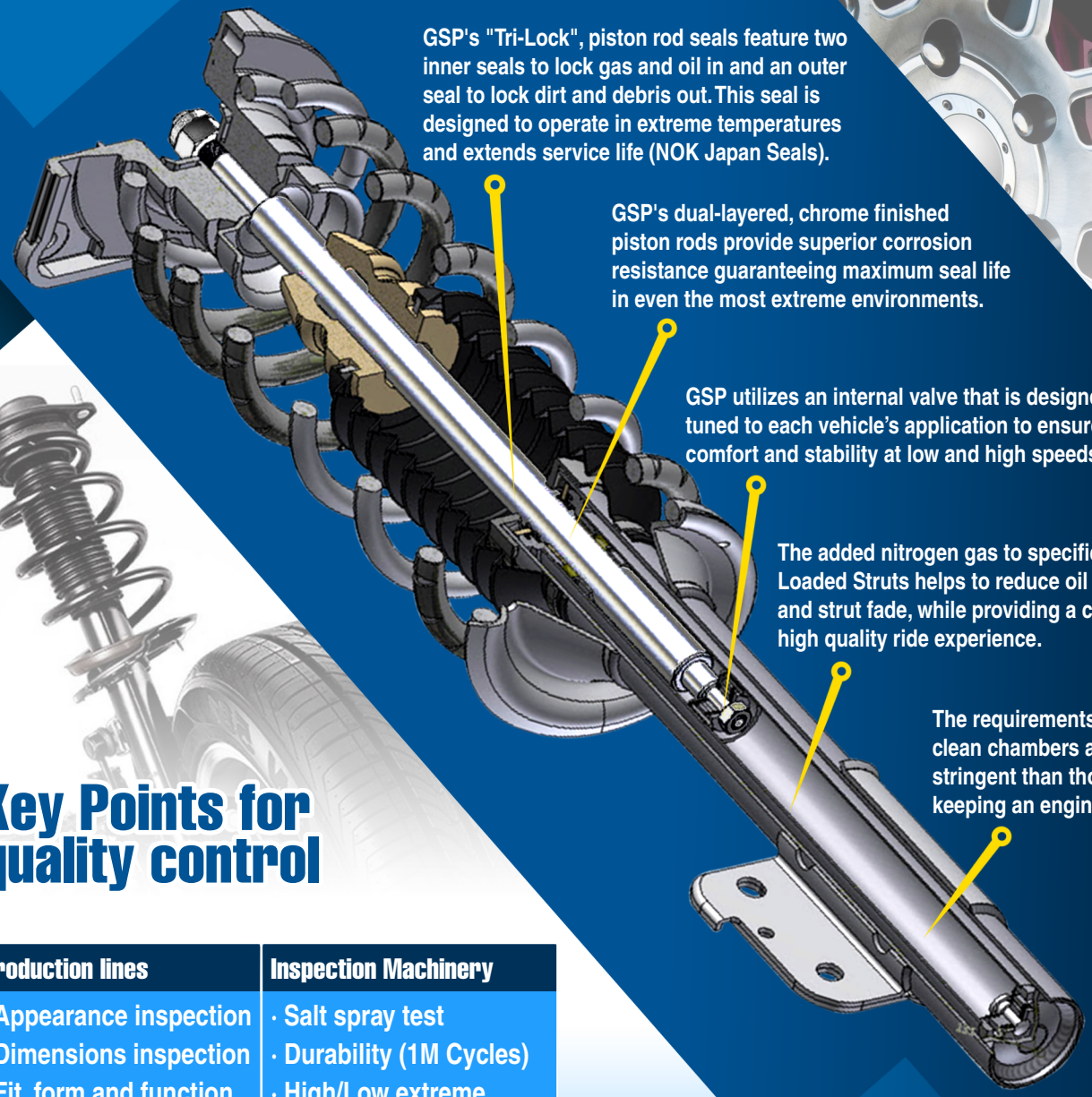
- Telescopic
- Cartridge
- Disc/ Plate
- Strut Assembly/ Loaded Strut

# What is the function of the shock absorber?

The shock absorber helps to support the weight of the vehicle and is fundamental in the absorption of vibrations and irregularities on the road, to provide a smooth and comfortable ride.

Shock Absorbers help to maintain tyre-to-road contact at all times.






## Why Choose GSP?

- More than 10,000 SKUs globally
- More than 90 SKUs developed/month
- OE Quality Control Specifications
- Highly qualified team of international engineers
- Certifications IAFT16949 & ISO 9001
- The largest coverage in the market

## Key Points for quality control

| Production lines | Inspection Machinery |
|---|---|
| · Appearance inspection<br>· Dimensions inspection<br>· Fit, form and function | · Salt spray test<br>· Durability (1M Cycles)<br>· High/Low extreme temperatures |

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