

GAS LIFT SUPPORT

STRONG ADAPTABILITY TO ENVIRONMENT

- Thickened steel cylinder body
- Cover 95% of vehicle models
- Longer service life



▼ FOR MORE APPLICATION INFORMATION
CHECK OUR WEBSITE: WWW.YXPCARS.COM

YXPCARS - DESIGN TO PRODUCTION PARTNER

In the past 6 years, YXPCARS has passed the quality test again and again, the quality and reliability requirements of the adjustment components have been improved, must meet ISO 9001 and ISO TS 16949 certification, finally provide you with the perfect use experience of the support rod, high performance gas hydraulic opening support rod. YXPCARS continues to lead the way with the highest product standards.



High quality material

The use of high quality steel, skilled craft to complete

The process is made of high quality steel with high pressure, corrosion resistance and durability

Precision steel tube manufacturing

The ingenious combination of shape and function, integrated process design, hydraulic structure opened after gently lift can automatically rise, use more stable, rest assured, fast.

Nondestructive installation

Installation without drilling, the original car hole can be installed quickly and easily



Ball head - covering more than 95% of models in the market



EXCELLENT MATERIAL AND DURABLE

With high pressure, quiet, smooth, durable, not easy to deformation, longer service life



Pressure Tube Connection

Special Seal And Guide System

Pressure Tube With Filling Medium

Oil

Piston Rod

Piston System

Nitrogen

Pressure Tube Connection



Smooth Lifting



Smooth Lifting



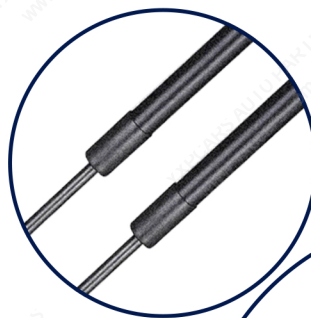
Smooth Lifting



Smooth Lifting

ANTIRUST PISTON ROD HAS LONG SERVICE LIFE

RUST-RESISTANT PISTON ROD EXTENDS PRODUCT LIFE
MULTI-LOBE SEAL DESIGN MAKES OUR GAS SPRING TOLERANT TO VIBRATION & EXTREME TEMPERATURE.

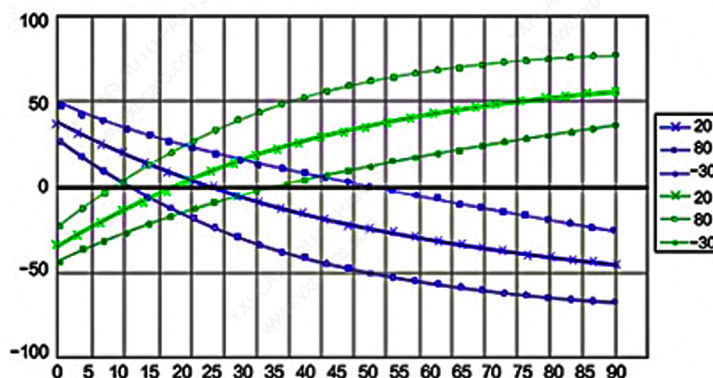


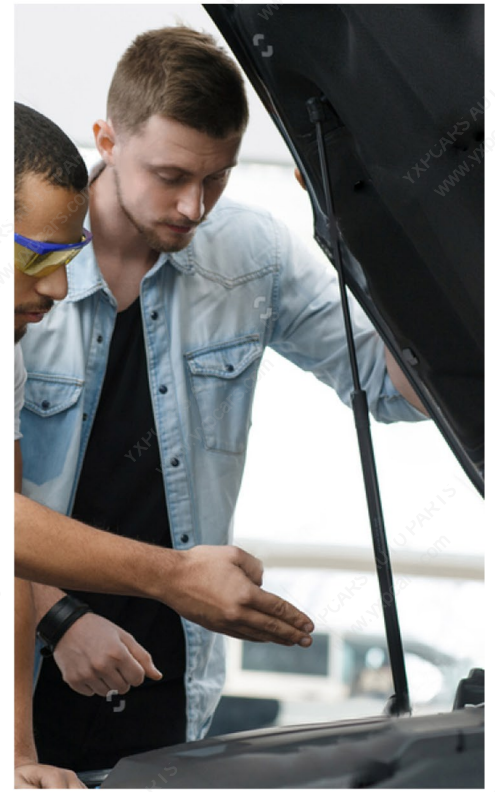
Testing Equipment

- Gas Spring Tester
- Salt Spray Tester
- Salt spray test: 300 hours
- Environmental Simulation Tester
- Hydraulic Pressure Fatigue Testing Machine
- Related Experimental Equipment

Product Advantage

- The Development of Sample 72 hours of elivery
- Life Test 150000 times Salt spray test: 300 hours
- Temperature: -45°C -90°C
- Environmental protection: Reach the standard ROHS in the dust-free workshop thermostat assembly





Super cost-effective to meet your needs

Each gas spring also contains a certain amount of oil to lubricate seals, pistons, and piston rods. The oil and gas in the cylinder moves from one side of the piston head to the other as it compresses or extends, creating damping. The flow can be expanded, compressed, or controlled simultaneously. When the piston rod is compressed, the internal pressure and output force increase according to the displacement of the piston rod. The internal pressure and output force decrease as the volume of the inner rod decreases.



STABLE GAS LIFT SUPPORTS

- Using high quality sealing
- Thickened steel cylinder body
- High pressure bearing
- No deformation
- Low temperature resistant



Heavy Gauge Steel Body

electronically painted and heated cured to original equipment specifications

Temperature Compensation Module Valveensures

consistent operation even in extreme weather condition

Self-Cleaning Piston Assembly

keep orifice clear of fluid contaminant and provide smoother operation

Multi-Lobe Seal

more tolerance for shaft imperfections, vibration, temperature and shaft contamination

1



LIFT THE HATCH OR HOOD

Find something hold the hatch, hood, trunk or rear window open while replacing the lift support. If old lift support has a window defogger electrical connector, carefully disconnect the fittings.

2



REMOVABLE BALL CONNECTORS

Remove old lift support by prying the retaining ring, cap lock or the security lock ring with flat headed screw driver. Press new lift support onto ball stud and properly install retainer.

3



EYELET CONNECTOR

Remove old lift support by unscrewing the mounting bolt or removing the retaining clip. Install new lift support by reusing mounting bolt or retaining clip.

4



EYELET CONNECTOR W/RETAINING CLIP

Remove old lift support by prying the retaining clip off. Install new lift support by pressing against the vehicle mounting stud until the retaining clip snap into place.

Product Advantage system

The piston rods are induction-hardened prior to receiving a durable, black nitride surface. Each YXPCARS gas spring is manufactured with a specific quantity of oil, which serves both as a lubricant and damping medium. Relatively higher oil quantities increase damping and also increase the extended-to-compressed force ratio. Maximum compressed forces will exceed extended forces by 30% to 80%, depending on internal oil quantity.

Thickened seal, cold and wear-resistant

The YXPCARS gas spring provides a unique alternative to traditional mechanical or coil spring lifting or balancing devices. The Gas spring is a self-contained, sealed oil and gas linear actuator containing pressurized nitrogen to provide output force.