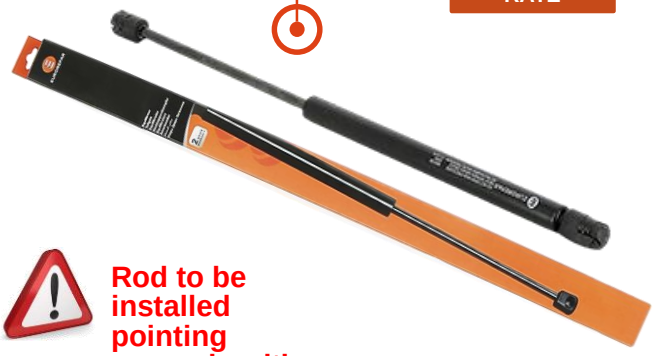
EUROREPAR

GAS SPRING

November 2018

EXTENSION OF 157 BONNET AND BOOT REFERENCES

x 2
COVERAGE RATE



Rod to be installed pointing upwards with the boot open

PRODUCT ADVANTAGES

- → ***Extension of the range*: improved price positioning and better vehicle coverage**
- → ***Quality and reliability*: long service life and high resistance to temperature variations**
- → ***Quick and easy installation* without the use of tools (rod to be installed pointing upwards). Requires no maintenance.**

With a range of **287 references** covering more than **67% of the vehicles on the road in Europe**, the Eurorepar range of gas jacks has been developed to offer you the highest possible **level of satisfaction**.

Playing a key role in terms of safety and comfort, Eurorepar gas jacks are designed to meet the specific requirements of each vehicle application.

TECHNICAL CHARACTERISTICS

The gas jack consists of a steel cylinder containing pressurised gas (nitrogen) and rod which slides inside a cylinder through a sealing ring.

- **Eurorepar boot and tailgate jacks** are sold individually.
- **287 references** covering **1,157** vehicle applications for boots and **503** for bonnets (PSA and other brands).
- **Long service life** (up to 50,000 cycles)
- **High resistance to temperature variations** (- 30°C to + 80°C)
- **The gas jacks are entirely maintenance-free**! No additional lubrication is necessary for maintenance purposes.

CONDITIONS FOR REPLACEMENT

- The signs of wear on a **boot jack** are easy to see. In particular, too little, too much or uneven resistance is observed.
- Similarly, worn out **tailgate jacks** make a creaking sound and leaking fluid is a sign of deteriorated seals. **Boot jacks should be changed in pairs.**

GOOD TO KNOW

- Propose 2 jacks so that they are symmetrical and subject to the same wear.
- Test the openings to check the condition of the jacks.

Our parts are guaranteed for 2 years*

ÉTIQUETTE SÉCURISÉE
Évite tout risque de contrefaçon et garanti la qualité des pièces.

www.eurorepar.com

Our parts are guaranteed 2 years* against any manufacturing or material defect**.
(*) For Citroen, DS, Peugeot, Euro Repar Car Service repair networks: the warranty runs for 2 years, parts AND labour included.
(**) For the conditions of application, contact your dealer.

ASSEMBLY INSTRUCTIONS

Eurorepar jacks **must be installed with the rod pointing upwards and the boot open (cf. photo), even if the part replaced was installed differently**.
Specific to Eurorepar jacks, this installation configuration is essential to avoid the seals from drying out and thus ensure optimum service life of the product.

The first time it is used, the jack must be moved slowly 2 or 3 times

1. The surface of the rod and the seals are essential elements of the gas jack. They must therefore be protected against impacts, sparks, paint and corrosive products.

2. **Never open a gas jack** without following the neutralisation instructions and never expose it near a source of excessive heat or throw it into a fire.

3. Our gas jacks do not require any specific maintenance. The piston rod does not require lubrication with grease or oil. They are designed for use over a number of years.





INSTALLATION ADVICE

The gas jacks must be installed with the piston rod pointing upwards and the boot or tailgate open, even if the part replaced was installed differently. This allows optimum internal lubrication.

PERFORMANCE OF THE JACKS

- **Endurance of 50,000 cycles**
- **The temperature range is between -30°C and 80°C (reference temperature: 20°C)**. The thrust of the jack can vary slightly within this range:
  - -30°C: Force (N) x 0.83
  - 20°C: Force (N) x 1.00
  - 80°C: Force (N) x 1.20

DID YOU KNOW?

Never tighten the rod using pliers or in a vice without using protective jaws made from lead, aluminium or copper.

Test	EUROREPAR	Competitor 1	Competitor 2
Force of jack in Newtons	118 N	114 N	118 N
Rod quality index	0.17	0.20	0.21
Opening time	2.8 sec	1.60 sec	1.90 sec
Saline mist test	480 hours	480 hours	240 hours