



EASY AIR JACK



EASY AIR JACK

— Auto Repair lifting device of choice !

EASY AIR JACK™



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The company passed the ISO 9001 quality system certification

Easy Air Jack™

The Solution for Fast and Easy Vehicle Hoisting

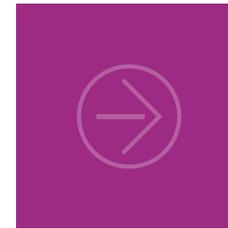
2013 English version



ABOUT US

Easy Air Jack™ is the first choice of car jacks in repair shops and up to now the best hoisting method in terms of comfort, versatility and service life. Not only the method itself is nothing less than revolutionary, it has also brought fundamental changes to the world of car repair. Every Easy Air Jack unit combines the functions of fast lifting with easy use and innovative hoisting technology. Practically maintenance-free, it is the handiest tool for hoisting up cars and therefore one of the most useful tools in car repair shops.

Easy Air Jack™ is a high-quality product. It is produced according to the most modern design, employing the strictest technical standards by one of the technological leaders in the field, the Chenguang Rubber Co., Ltd. Every machining, laser cutting and metal shaping process is carried out with digital precision instruments to ensure precise dimensions and exact fitting of every single part. The final step is meticulous assembly by hand, final testing and packaging. Every single Easy Air Jack™ is a testimony to the quality of products made in China.



Since it was established in 1995, Chenguang Rubber Co., Ltd. has produced several million high-quality pneumatic bags to be exported to the USA, Canada, Germany, England, France, Korea, Japan, Australia and other countries. In tire and car repair shops, the Easy Air Jack™ has proven its reliability and long service life, and demonstrated to their maintenance engineers its easy use and cost-effectiveness innumerable times. Even highway emergency repair shops favor the Easy Air Jack™ for its obvious advantages.

Compared to a horizontal jack, the Easy Air Jack™ offers high mobility and a more compact design, featuring a higher surface area which allows safer use on soft roads. Whether it is used on the ground, on iron rails or on a lifting platform, you can look forward to many years of problem-free service life. To achieve this, we pooled all of our experience to ensure that every single Easy Air Jack™ is a product of highest quality.



ADVANTAGES

Easy effort

The Easy Air Jack™ makes clever use of pneumatics – rubber bags are inflated or deflated to lift or lower a load. Just push the up or down button, and without any physical exertion, the lifting will take care of itself.

High mobility

Compared to other car jacks, the Easy Air Jack™ features a compact design. Its simple structure, lithe body and nimble and strong build allow for a vast range of situations where the Easy Air Jack™ can be utilized.

Fast and efficient

The Easy Air Jack™ offers lifting at comparatively high speed: It can lift a car within three seconds to a working position. The days of wasting time and effort are finally over!

Long service life

Since it has no sliding seals or pneumatic parts, the Easy Air Jack™ does not become subject to wear easily. The pneumatic rubber bags are highly resistant to torsion and wear due to aging. Even in hostile environments it still can be used without trouble for several years.

Excellent price-performance ratio

The Easy Air Jack™ can effectively reduce the intensity of labor, considerably shorten working time, thus heightening productivity and output for more economic benefits.

Safe and reliable

The Easy Air Jack™ needs hardly any maintenance, it is reliable and safe. The built-in safety valve can effectively protect against damage from excessive pressure, thereby eliminating potential security risks.

Low initial height

Compared to other car jacks, the Easy Air Jack™ is very compact and can be reduced to a minimal height of 130 mm. The three-tiered Easy Air Jack™ can be extended in its fully assembled mode with the additional jack pad to a full height of 450 mm, which is sufficient to lift most vehicles.

Needs no extra maintenance or lubrication in low temperatures

Using highly effective pneumatic bags made from imported material to produce lifting force, outstanding performance can be assured even in low temperatures. There is no danger of any pneumatic liquid freezing up and thereby jeopardizing the lifting performance.

No possible oil leaks

The Easy Air Jack™ doesn't need any pneumatic liquid as driving agent, and it doesn't have any moveable seals. This precludes problems arising from dust entering the seals and permanently eliminates the possibility of oil leaks.

Wide scope of use

Since the Easy Air Jack™ has a very simple structure, it can be used even in small spaces without preparation time or extra expenses. Its large flat underside can effectively avoid sinking into soft road surfaces, guaranteeing safe use even under adverse conditions.

High level stability

An internal stabilizer enhances the stability of the level. It is extremely effective at reducing level changes to an absolute minimum, making the raising procedure even more stable and safe.

Maximum operating pressure: 0.8 Mpa

The Easy Air Jack™ uses heavy-duty, high-quality pneumatic bags with 2 or 4 inner reinforcing layers that are built to withstand an internal pressure of 8 bar, thereby raising the maximum pressure far above the necessary threshold.

Cost-effective

The life expectancy of a standard hydraulic car jack is about six months, while under normal conditions, the Easy Air Jack™ can be used for 5 years and more, making it truly cost-effective.

Variable handles

The angle of the handles can be ergonomically adjusted in a range of 90 degrees to assure convenient use in a maximum range of situations, positions and for operators of different height.

Improving the image of your store

Sophisticated hardware can attract customers, strengthen customer trust, improve employee morale and give your store a whole new image. If the timely completion of projects can be assured, customer satisfaction will also be a certainty!



STRUCTURE AND WORKING PRINCIPLE



The Easy Air Jack™ is what is commonly known as a pneumatic jack. It consists primarily of the ground plate, an internal stabilizer, pneumatic bags and the top plate with the jack pad. It is a precision lifting device that does not provide power or carry load by itself, but gets its lifting power from pressurized air that an air compressor pumps into the Easy Air Jack™. Depending on the requirements, the Easy Air Jack™ is designed to have one to three tiers. In special cases, large-sized pneumatic bags can be employed to fulfill the task at hand, if for example the vehicle that is to be lifted is very heavy. Used properly, the pressure in the Easy Air Jack™ is controlled by adding or reducing air, thereby adding or subtracting from its lifting power. At the same time, its rigidity, height and volume as well as its lifting power will change with inflation and deflation. It will periodically add some flexibility to allow for soft movement of the load, smooth handling and maximum control.

WHY CHOOSE



If a carjack breaks, it does not simply mean an interruption of the workflow. A broken jack means a waste of money, resources and time and it also constitutes a safety risk. It needs to be repaired or replaced. While the equipment is being put into operation, the personnel can only sit and wait, which translates into lower productivity, delayed repairs and the impossibility to keep project deadlines, which in turn leads to lower customer satisfaction.

If accidents caused by failing carjacks as well as the related expenditures and risks are to be reduced or even eliminated, it is imperative to choose a jack of good quality and long service life. The perfect choice would be a jack that completely eliminates any risk of failure and is at the same time more cost effective, safe and reliable. While choosing your ideal car jack, you need to prioritize these criteria in order to determine the best solution for your business.

Easy Air Jack™ uses specially designed high-quality pneumatic rubber bags to complement the other hardware components in this pneumatic



jack. The Easy Air Jack™ is a precision lifting device, using an economical and clean energy source, compressed air, as the agent that powers the lifting process. All you need to do is press the up or down button; no physical exertion is required, everything happens naturally and without effort. Compared to regular lifting devices, the Easy Air Jack™ has a high mobility, is faster to lift and lower and needs no maintenance or repair. Even in hostile environments, it can be used for years without failure and its ruggedness and long service life is completely undisputed.

Easy Air Jack™ quality product uses choice materials, state-of-the-art processing technology, and undergoes rigorous testing. Every machining, laser cutting and metal shaping process is carried out with digital precision instruments to ensure precise dimensions and exact fitting of every single part. The final step is meticulous assembly by hand, final testing and packaging. Every single Easy Air Jack™ is a testimony to the quality of products made in China.



SELECTED MATERIALS

- The pneumatic rubber bags use the same high quality material as the German TUV Rheinland, featuring highest flexing and aging resistance
- Thick reinforcing layers ensure burst resistance up to 30 bar
- International standard cold-rolled steel sheets ensure a consistent thickness of the hardware components and sufficient strength of all parts
- The internal stabilizer is built from international seamless steel tubes of undisputed quality
- The top piece is of forged from grade 45 steel and virtually indestructible

OUTSTANDING TECHNOLOGY

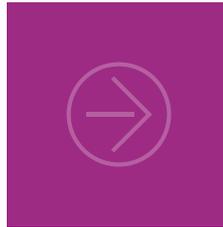
- The ground plate and the other hardware components are processed with digital laser cutting, ensuring the most precise dimensions and the utmost conformance
- The top part uses CNC controlled processing, giving it an exquisite appearance and superior strength, to be used for a lifetime
- The valves are produced on a digitally controlled production line to ensure the perfect fitting dimensions of the parts and perfect air-tightness
- The internal stabilizer is digitally precision-processed to make sure every layer stays at just the right distance to assure superior horizontal stability
- The Easy Air Jack™ is meticulously assembled by hand. Its connecting screw bolts have spring-loaded gaskets, using Loctite screw adhesive to ensure that the connections won't ever loosen. This precludes air leaks due to loose bolts

RIGID TESTING

- 5 million vertical fatigue tests of pneumatic rubber bags have been carried out on the factory-owned 4-channel hydraulic servo overall performance testing platform, as well as 500,000 horizontal and 50,000 torsion fatigue tests
- The fatigue test of the air valves consists of a million times filling and releasing
- The fully assembled Easy Air Jack™ is tested by raising and lowering it a million times. is the only domestic factory that conducts fatigue testing of fully assembled products

ESTIMATED COSTS

With the costs of car jacks and labor so high, the Easy Air Jack™ won't only raise your productivity, it will also save you a lot of money!



EASY AIR JACK

COST PER TIME YOUR CAR JACK BREAKS

a. Resulting idle time (hours)	2
b. Resulting idle time of the staff	2
c. Labor cost per hour (salary/benefits)	¥ 17
d. Total labor cost (a x b x c)	¥68

LOST INCOME PER CAR JACK FAILURE (PER HOUR)

e. Lost income from down time equipment maintenance	¥ 100
f. Car jack repair fee	¥ 80
g. Resulting loss of income (a x e + f)	¥280

TOTAL COST PER CAR JACK FAILURE

h. Cost from down time (d + g)	¥ 100
i. Necessary instances of maintenance work during the service life of a car jack	¥ 80
j. Cost from down time during the service life of a car jack (g x i)	¥280

TOTAL COST GENERATED BY A CAR JACK OVER 5 YEARS

k. Car jack Purchasing price	¥ 500
l. Number of times it needs to be replaced over 5 years	10
m. Total cost over 5 years (j + k) x l	¥15440



Use Easy air jack total cost savings can be significant!

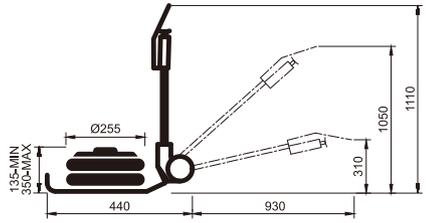
During your cost/benefit calculations concerning the Easy Air Jack™, don't forget to consider the costs arising from safety issues with regular car jacks:

- Losses due to people wounded or even killed in car jack failures
- Car damage due to jack failures

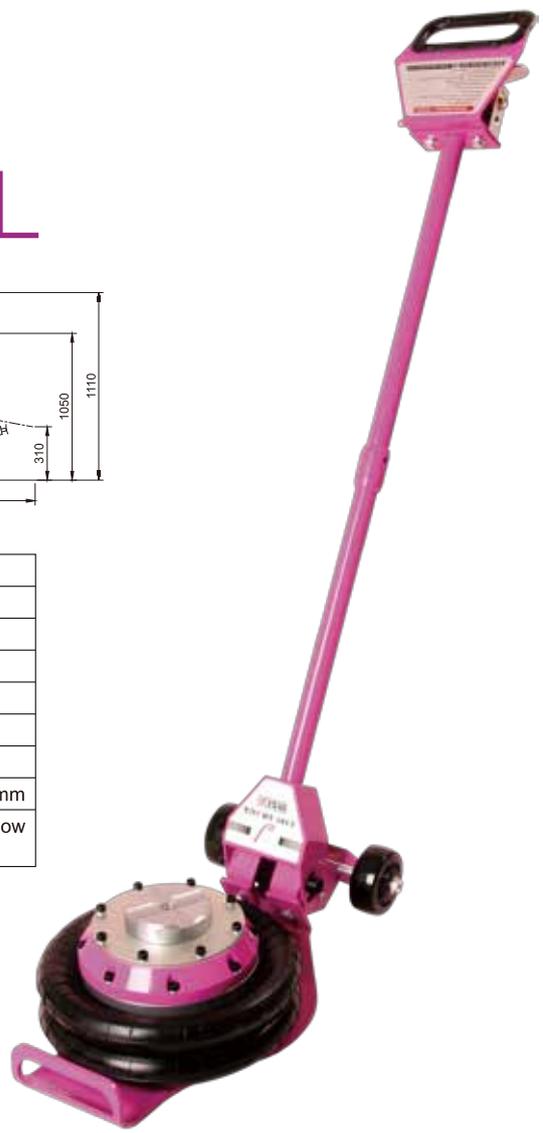
Using an Easy Air Jack™ is definitely good value for money. Even though the price for the first purchase is a considerable figure, the resulting rise of productivity, increased safety and morale of the staff are even more important economic factors. Eliminating frequent car jack failures will considerably increase employee morale and customer satisfaction. If you keep this in mind, you will be able to correctly evaluate the importance of your initial investment.

OUR PRODUCTS

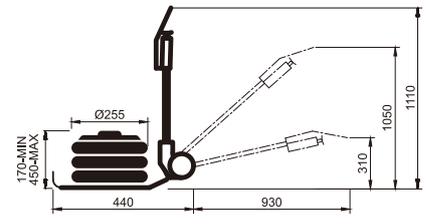
➔
EZ2211L



Load	2000kg
Working pressure	≤0.7Mpa
Temperature range	-40°C- +60°C
Lifting time	4S
Deflated height	135mm
Max height	350mm
Net weight	17kg
Packing size	620x315x315mm
Color	Blue Yellow Purple



➔
EZ2311L



Load	2000kg
Working pressure	≤0.7Mpa
Temperature range	-40°C- +60°C
Lifting time	4S
Deflated height	170mm
Max height	450mm
Net weight	19kg
Packing size	620x315x315mm
Color	Blue Yellow Purple

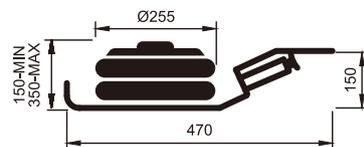


OUR PRODUCTS



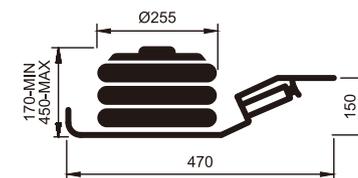
EZ2211

Load	2000kg
Working pressure	≤0.7Mpa
Temperture range	-40°C- +60°C
Lifting time	4S
Deflated height	135mm
Max height	350mm
Net weight	16kg
Packing size	620x315x315mm
Color	Blue Yellow Purple



EZ2311

Load	2000kg
Working pressure	≤0.7Mpa
Temperture range	-40°C- +60°C
Lifting time	4S
Deflated height	170mm
Max height	450mm
Net weight	18kg
Packing size	620x315x315mm
Color	Blue Yellow Purple

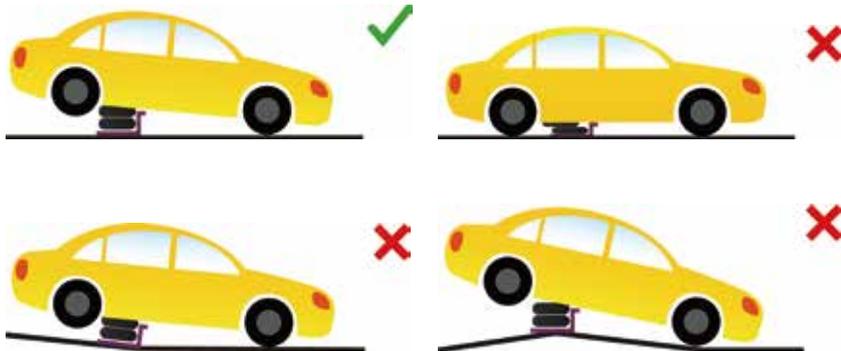


HOW TO USE



Before you start using the Easy Air Jack™, please carefully study and observe all specifications giving in the manual as well as all additional indications in order to ensure safe use.

Before you use your Easy Air Jack™ to lift a vehicle, make sure that the lifting points are firmly attached and that only the jack pad bears weight. If any other component bears weight, the top plate can be damaged in the process, which in turn is a source of potential risk. Don't use pointed or sharp objects around the pneumatic bags. Rupturing of the bags can cause the Easy Air Jack™ to drop its load abruptly and without warning. Always use your Easy Air Jack™ on solid and flat surfaces, so that the bottom part is parallel to the lifting surface. This will prevent unstable lifting. The upper part and especially the lifting surface of the Easy Air Jack™ must be kept vertical at all times to prevent lopsided lifting and possible tilting of the load, otherwise the load might topple suddenly, leading to serious injury or even death of the operating personnel.



To lift: Press the green arrow.
To lower: Press the red arrow.

Note: If the air line is disconnected, pressing either the red or the green arrow on the handle will deflate the pneumatic bags.



While using the device, please observe the following indications:

- Never exceed the maximum load (2 tons).
- Never inflate in excess of the maximum air pressure (7 bar).
- Only use the Easy Air Jack™ for lifting purposes; once lifted, use a suitable device to prop up the vehicle.
- Use only on flat and hard surfaces.
- Always keep your hands well away from the jack pad.
- Lift the car only in the areas specified by the vehicle manufacturer.
- Only use with the proper accessories provided by the manufacturer and/ or use an adapter.
- Always wear safety goggles while using the Easy Air Jack™.
- Avoid contact with any petroleum products or any type of chemical substance.
- Don't use pointed or sharp objects around the pneumatic bags.
- Rupturing of the bags can cause the Easy Air Jack™ to drop its load abruptly and without warning, possibly leading to serious injury of operating personnel or damage of property.
- Failure to observe the above indications can lead to serious injury of handling personnel or damage of property.

MAINTENANCE

Easy Air Jack™ is a low-maintenance product. However, for an optimum performance of your Easy Air Jack™, please observe the following suggestions:

- At regular intervals (once a month) put some drops of high-pressure grease on the air inlets.
- Before each use, check the pneumatic bags of the Easy Air Jack™ for indications of damage, scratching, cuts, leaks or punctures. If you discover any of the above, do not use your Easy Air Jack™. Instead, take it back to the supplier for testing and evaluation.



AFTER SALES SERVICES



The factory guarantees that within a year of purchase and under regular operating conditions, no problems will arise from the material or processing of the Easy Air Jack™. If you should have any doubts or problems with your Easy Air Jack™, please dial the nationwide customer service hotline at + 86 400 029 3000.

Within the warranty period, any defective Easy Air Jack™ or its components may be returned to the local provider or distributor for testing, freight prepaid. The product must be correctly documented, stating the nature of the complaint, the customer's full name, address and date of purchase. Your local merchant will then proceed to present your claim to Chenguang Rubber Co., Ltd.

Chenguang Rubber Co., Ltd. guarantees that defective products or components that were used under the prescribed conditions and were submitted within the warranty period will be either serviced or replaced free of charge including, with the first claim, free shipping of the product back to the customer.

This warranty will become void through careless or negligent use of the equipment, abuse for other than the intended purposes, lack of timely lubrication, accidents or lack of maintenance, or if non-authorized personnel carries out replacements or repair work (other than official maintenance work).

Even if the warranty has expired, you can still reach the customer service hotline at the nationwide number + 86 400 029 3000 for any inquiries concerning the product. To maximize the operating period of your Easy Air Jack™, we make sure that all components are available individually, down to the last bolt. Even years after your purchase, you will still be able to purchase components via after-sales, so you will never regret having purchased your Easy Air Jack™.



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Service Hotline:
400-029-3000

 www.easyairjack.com