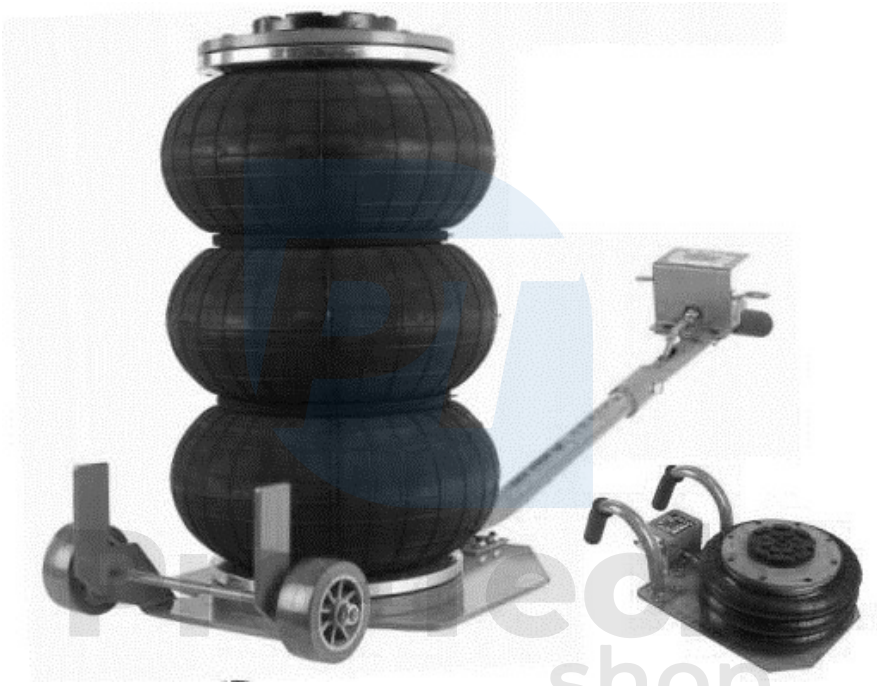
Pro-Tech TOOLS

Pneumatic cushion lifter



Instructions for use

Translation of the original instructions

Product description

The pneumatic hoist is designed for jobs where lifting of is required. It cannot be used as a support element set permanently. It is forbidden to lift or stabilize residential structures or trailers with this hoist. It is strictly forbidden to lift dangerous or fragile substances. The use of the hoist for lifting loads other than passenger cars is not in accordance with the intended use.

General safety rules Explanation of pictograms



It is forbidden to work under lifted loads! Always secure the vehicle with supports!



It is forbidden to lift vehicles with people or in them.



The vehicle can only be lifted on a level surface. It is forbidden to lift on slopes and uneven ground!



It is forbidden to use pads or adapters that are not supplied with the jack.



It is forbidden to place the load outside the rubber seat area of the jack!



The load can only be applied to the centre of the jack at the point of the rubber saddle.

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Security

Follow basic safety rules when working:

● The tool must not be used by persons under the influence of alcohol, or strong drugs.

● Tools must not be used by persons with reduced psychomotor skills unless they are supervised by a trained person and familiar with the operation of the tool.

● Children are not allowed to play with the tools even under supervision.

● The tool may only be used by adults and persons who have read the manual.

● Read and keep the instruction manual before starting work.

● Never exceed the maximum hoist load.

● It is forbidden to lift people or animals with a hoist.

● It is forbidden to lift objects, cars with people or animals.

● The hoist is intended for lifting only, it is forbidden to use it for other purposes.

● It is necessary to use additional securing tools (e.g. supports) to support the raised vehicle before starting work on it.

● In the case of lifting vehicles, it is necessary to lock or chock the wheels and apply the safety/parking brake.

● Do not leave lifted loads unattended.

● It is forbidden to allow minors and persons untrained in the operation of the equipment to have access to the vicinity of the hoist in use or stored.

● Do not wear loose clothing and jewellery. Long hair should be pinned up.

● Wear personal protective equipment such as gloves and work boots with reinforced toe caps.

● Make sure the subfloor will support the load being lifted before starting to lift.

● The hoist must be placed on a flat, , firm and stable surface.

● The jack should be positioned under the vehicle being lifted so that the load is supported in the centre of the jack seat.

● It is absolutely forbidden to adjust the safety valve.

● Keep the equipment at a safe distance from sources of heat and fire, as this could cause permanent damage to the equipment or impair its functionality.

● Before lifting any load, it is necessary to make sure that the hoist does not move after the load is lifted.

● Before lifting any load, it is necessary to make sure that the hoist is not damaged in any way. If the hoist requires repair, an authorised service centre should be contacted for this purpose.

● Do not allow the bellows to come into contact with various oils, especially warm engine oil and chemicals, this could damage the jack and accelerate the degradation of the rubber elements.

● When lifting cars, select the fulcrum recommended in the owner's manual for that vehicle.

● When lifting, keep your hands at a safe distance from the hoist bellows.

● It is forbidden to use sharp objects when using a pneumatic hoist as they could damage the bellows of the hoist.

● As soon as you fill the jack with air, close the inlet valve.

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Design

Model: HM2803A, HM2805B

1. Jack handle
2. Inlet valve
3. Safety valve
4. Drain valve
5. Air hose
6. Lifting bellows (cushion)
7. Wheels
8. Protective rubber
9. Legs for vertical positioning of the jack



Model: HM2803C

1. Hoist handle
2. Inlet valve
3. Safety valve
4. Drain valve
5. Air hose
6. Lifting bellows (cushion)
7. Wheels
8. Protective rubber



Workplace

The hoist is designed to work in garage conditions on a level and stable surface. It is forbidden to use the hoist during atmospheric precipitation in conditions of limited visibility, or on marine vessels and in windy conditions. Work areas must be tidy and well lit, these are the basics of safe working.

Installation

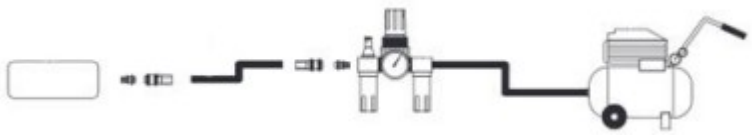
Model: HM2803A, HM2805B

Pull the air hose through the handle, bolt the handle to the base of the pneumatic jack. Then pull the hose through the other part of the handle with the control panel. Twist the handles , mounting the hose on the back of the jack control panel.

Model: HM2803C

Bolt the jack control panel to the base, then fit the air hose to the panel. Bolt the handles to the jack base with the bolts.

Connecting pneumatic tools to compressed air



Before connecting compressed air to the unit, make sure it has the correct working pressure and provides the required air flow. Pneumatic tools should be fed through a skimming system and lubricated with pneumatic oil, which increases the service life and ensures the correct functionality of the tool. The grease fitting should be set to a minimum, only the guide bushings require lubrication.

Service

1. Before starting to lift, make sure that the person operating the hoist has the hoist and the being lifted in sight when lifting the load.

2. Close the jack drain valve.

3. Position the hoist under the load to be lifted in a location designed for the use of hoists (e.g. in the case of cars) so that the load rests centrally on the hoist seat.

4. Close the inlet valve. Then connect the compressed air hose to the quick coupling at the inlet valve.

5. Gradually unscrew the inlet valve until the desired height is reached.

6. When the desired height is reached, close the inlet valve.

7. In order to lower the load, release the air from the bellows using the release valve. It is necessary to remember to lower the load slowly. Sudden lowering of the load may damage the jack or the load.

Important

Before starting to lower, make sure that the load being lowered will not cause any damage, injury. Do not open the release valve more than necessary to slowly lower the load. Sudden opening of the valve may cause the load to fall. Unscrewing the valve too much may cause damage.

The jack is jammed under the vehicle

In the event that a jack loaded with a vehicle becomes blocked, a second jack must be used to take the load off the blocked jack and remove it. The hoist should be sent to the workshop for inspection. Never pull or tap the jack to release it. A locked jack can come loose at any time, never put your limbs under the vehicle!

Maintenance, storage, transport

Pneumatic hoists do not require special maintenance, keep the hoist clean. Avoid contact of moss with oil or fuel. Contact of the bellows with chemicals will lead to premature wear.

The hoist should be stored out of the reach of children and in a place where the temperature and humidity are preferably constant and low. During storage, leave the jack half-extended to prevent the pneumatic bellows from being pushed in.

The service life of the pneumatic jack is 5 years. At the end of this period, the jack must be handed over to a recycling point. Wear and tear of the rubber elements reduces work safety!

The hoist should be carefully secured in the transport compartment during transport so that it does not tip over or bump into anything. Do not forget to pack the operating instructions with the hoist.

The warranty covers manufacturing defects. Damage caused by overloading, wear and tear, or neglect is not covered by warranty.

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