Pro-Tech TOOLS

Universal ridge jack, farm jack 3t



Instructions for use

Translation of the original instructions

The lever hoist is designed for where heavy 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 vehicles or structures containing people or animals.

Safety recommendations

A hoist is a device operating under high loads.

Basic safety regulations must be observed during operation.

- Read the instruction manual before processing and keep it for further reference.

- Never exceed the maximum hoist load.

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

- 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. stands) to support the lifted object before starting to work on it.

- In the case of lifting vehicles, you need to lock or brake the wheels and apply the safety/parking brake.

- Do not leave lifted loads unattended.

- Access to the vicinity of the operation or storage of the hoist by persons underage and untrained to operate the equipment should be prevented.

- Do not wear loose clothing and jewellery. Long hair should be pinned up. Wear protection such gloves and work boots with a reinforced toe.

- Before you start lifting, make that the base will support the weight being lifted.

- The hoist must be placed on a level, 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 saddle.

- It is absolutely forbidden to adjust the safety valve.

- Do not leave the equipment near a source of heat or fire, as this could cause permanent damage to the equipment or impair its performance.

- Before lifting any load, it is necessary to make sure that there is no movement of the hoist after the load has been lifted.

- Before lifting any load, it is necessary to make sure that the hoist is not damaged in any way. If the hoist requires repairs, it is necessary to contact
authorized service.

Warning labels

Never remove warning labels from the hoist as they remind you of basic safety rules!

Designation

The hoist is designed for lifting agricultural or off-road vehicles where a high attachment point is possible. Use of the jack for other purposes relieves the manufacturer of warranty responsibility. And it can also cause a serious accident.

Check before use

Before each use of the hoist, an inspection must be carried out to verify correct functioning and thus ensure safe working.

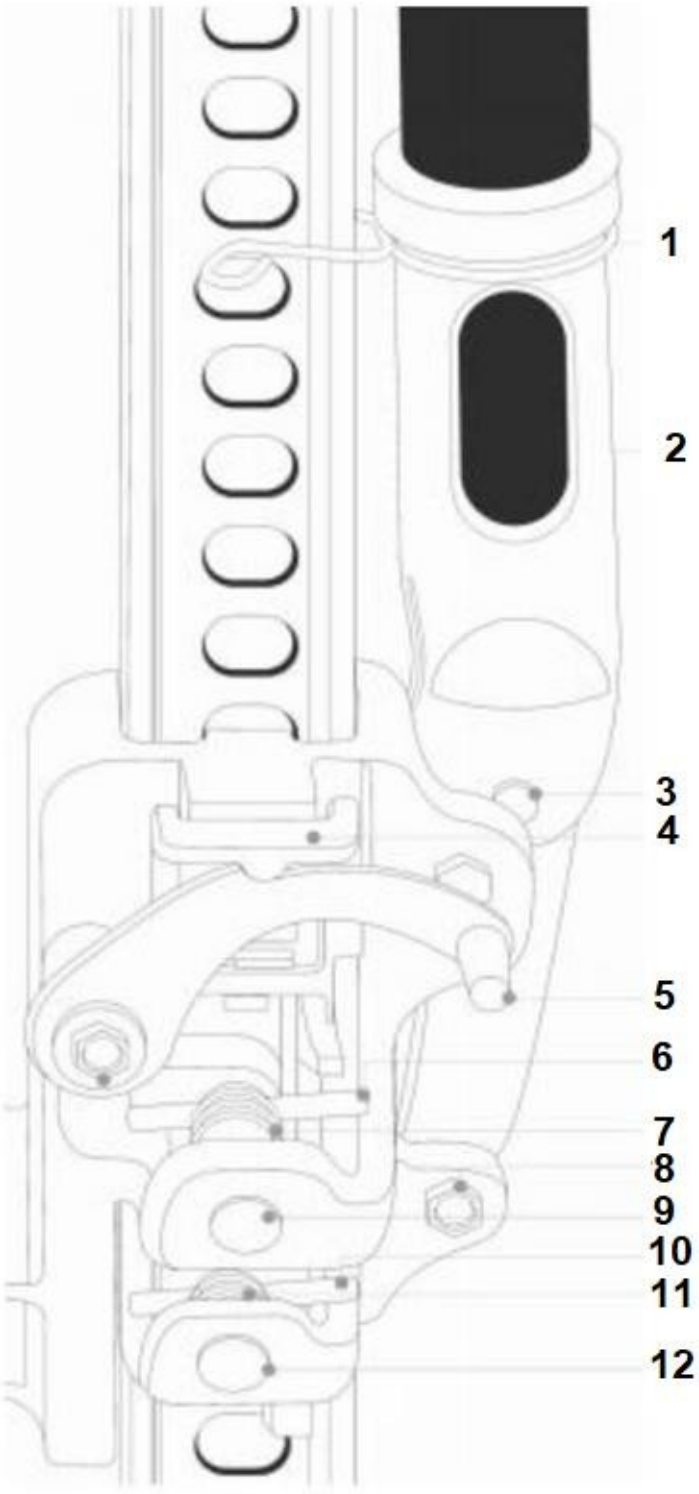
It is necessary to inspect the entire jack and inspect the supporting elements for cracks or cracks. Check that the ratchet control levers are working properly. Check the tear bolt at the bottom of the handle. Damage to it indicates overloading of the hoist.

If irregularities or jams are found in any element of the hoist, do not start work until they have been corrected.

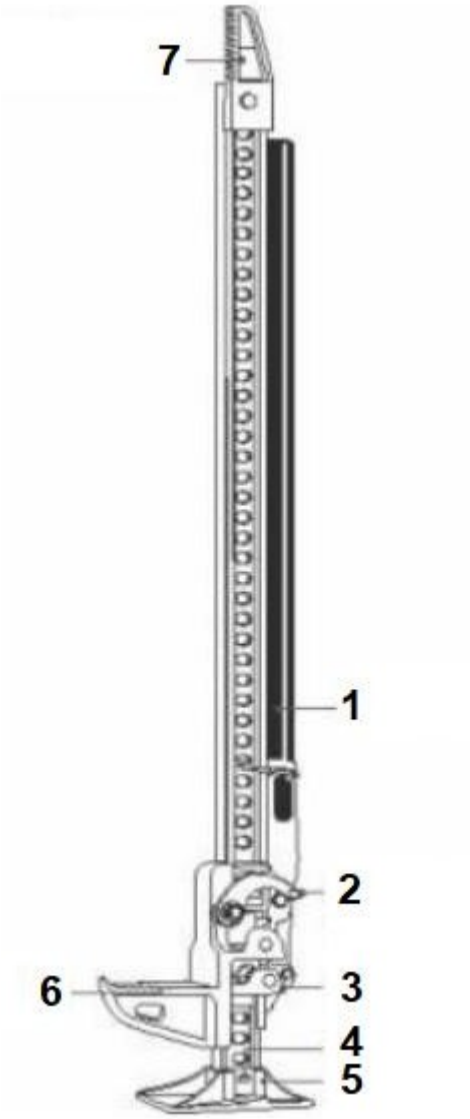
Technical data:

MODEL	HM4703	HM4704
Carrying capacity	3000kg	3000kg
Max. Height	120cm	150cm
Min. height	15cm	15cm
Lever length	80cm	80cm
Weight	13kg	14,5kg

Hoist design



1. Handle locking
2. Handle connection
3. Handle pin
4. Latch
5. Latch control lever
6. Locking pin
7. Locking pin spring
8. Handle tear screw
9. Pin
10. Locking pin
11. Locking pin spring
12. Pin



1. Handle

2. Latch control lever

3. Latch

4. Thread

5. Base

6. Movable saddle

7. Still saddle

Handle tear screw

The handle tear bolt is a safety feature that will be torn off when attempting to overload the hoist. Do not replace it with an element with increased hardness. It is a purposeful safety feature that prevents overloading of the hoist's supporting elements and reduces the possibility of an accident. In the event that the vehicle is already lifted and the bolt has broken, the lower seat will be locked to prevent lowering and further lifting. Use another hoist with a higher lifting capacity to lower the load. WARNING: Do not change the bolt if the hoist is under load!

Before lifting the load

It is necessary to secure the vehicle against curling up on the jack using chocks under the wheels.

Then make sure that the ground under the jack can withstand the load and is stable enough, and check the lifting point on the vehicle, it will be subjected to a heavy load. a frame section or support member. Lifting by the cover members or bumpers can lead to
breaking off the element and creating a dangerous situation.

ATTENTION: It is strictly forbidden to use the handle extension!

Lifting the load

CAUTION: Before lifting, make sure the hoist is in good , has no cracks or
traces of mechanical damage. Before lifting, block the vehicle wheels with chocks to prevent the vehicle from moving.

1. Adjust the jack so that the movable saddle rests on the vehicle's support member. (Holding onto a bumper or body element can cause the element to break and the vehicle to fall.) The jack must be in the upright position. The ground must be hard, in the case of work in difficult terrain the
a steel plate should be used to provide sufficient support for the jack.

2. Set the ratchet control lever to the load lifting position.

3. Use the handle to start lifting. Moving the handle down causes the load to lift. You
need to make full movements so that the latch locks in the other holes.

Important: The handle carries the entire load until the moment of locking, releasing it will cause the load to fall.

4. Lifting should be completed after the wheel has been raised to a height of about 5 to 8 cm above the ground. This will allow it to be replaced, further lifting will reduce the stability of the hoist.

5. Before folding the wheels, secure the vehicle with workshop stands to prevent it from falling off.

Lifting the load



Lowering the load



The load should not be held on a hoist. After lifting, immediately place the load on the supports.

Lowering the load

Please note: The load must weigh at least 75 kg so that it can be lowered gradually. In the case of a lighter load, the movable saddle will slip when the load is lowered.

1. Place the jack under the load to be lifted.

2. Lift the load by one eye so that the load rests on the jack.

3. Remove the racks from under the load.

4. Make sure the handle is in the maximum upper position.

5. Adjust the latch control lever to the down position (load lowering picture above).

6. Move the lever with both hands, making full movements until the load is lowered.

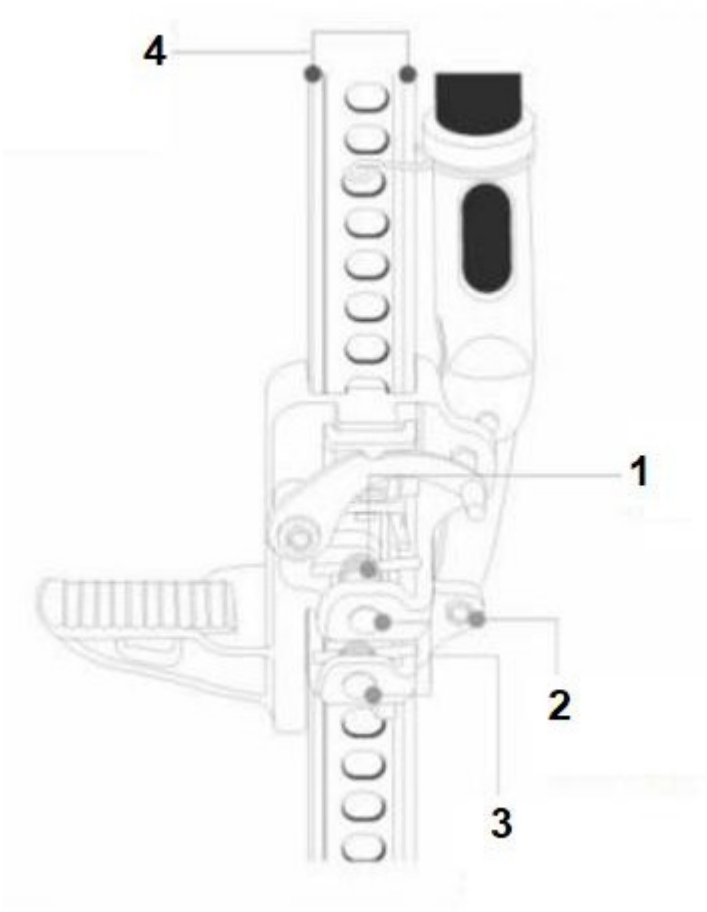
Attention: the whole weight rests on the handle of the jack, if you let go of it, it will make a sudden movement, it is necessary keep your head and other parts of the body out of reach of the handle! Do not grab the handle, in case of letting go of it.

Maintenance

When the work is completed, inspect the jack for mechanical damage, cracks and bends. Pay particular attention to the degree of wear of the holes in the guide and control levers of the latch. If an irregularity is detected, do not operate the jack until the malfunction has been corrected.

Use compressed air or a soft brush to clean the jack of dirt. Lubricate the moving

elements with silicone lubricant.



1. **Springs:** keep edges lightly lubricated and free of dirt
2. **Tear bolt:** Keep edges lightly lubricated and free of dirt
3. **Pin:** Keep the edges lightly lubricated and free of dirt
4. **A clue:** Keep edges lightly lubricated and free of dirt

Storage

The jack must be stored in a dry room, preferably at a constant temperature. Before storage, perform the maintenance described above.