

Floor Jack, hydraulic, 2.5 t

SPECIFICATIONS

Rated load: 2500 kg
Lifting height: 80 - 508 mm
Lifting height (rated load): 360 - 508 mm
Overall dimension (lowest position): 720 x 326 x 150 mm
Front wheel dimensions: Ø 60 x 43 mm
Rear wheel dimensions: Ø 60 x 30 mm
Lever dimensions: Ø 32 x 610 x 2.5 mm
Ø 32 x 615 x 1.5 mm
Lever total length: 1173 mm
Lifting pad diameter: 110 mm
Lifting beam thickness: 5 mm
Side plate thickness: 5 mm
Diameter of pump piston shaft: Ø22 / Ø15 mm
Diameter of working piston shaft: Ø30 mm
Net weight: 31.5 kg



WARNING

- Read, study, and understand all warnings and operating instructions prior to use
- Do not overload this jack beyond the rated capacity.
- This jack is designed for use only on hard level surfaces capable of sustaining the load. Use on other than hard level surfaces can result in jack instability and possible loss of load.
- This is a lifting device only. immediately after lifting, support the vehicle with jack stands
- Do not get under or allow anyone under the vehicle until it has been supported by jack stands.
- Do not move or dolly the vehicle while on the jack.
- Lift only on areas of the vehicle as specified by the vehicle manufacturer.
- Center the load on saddle prior to lifting.
- No alterations to the jack shall be made.
- Failure to heed these warnings may result in personal injury and / or property damage.
- Inspect before each use.

WARNINGS



Do not work under the vehicle when you are using the jack



Work under the vehicle with jack stands only



Use wheel chocks

Use the jack on even ground only.



OPERATION

The owner and/or operator is responsible for providing maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good work order. Read all warnings and instructions. Make sure that the operator comprehends its contents. Safety information shall be emphasized and understood prior to usage.

The jack shall be inspected per the instruction manual prior to use.

It is the owner and/or operators responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this unit, the owner/operators shall retain product instructions for future reference.

RAISING VEHICLE:

1. Make sure the jack and vehicle are on a hand level surface.
2. Always set the vehicle parking brake and block the wheels
3. Consult the vehicle owners manual to ascertain the location of jack points and position the jack beneath the prescribed lift point.
4. Turn the release valve clockwise to the closed position. **DO NOT OVER TIGHTEN!**
5. To raise the vehicle to designed height, place the handle into the socket and pump up and down.
6. Place jack stands beneath the vehicle at locations recommended by the vehicle manufacturer. Do not get under the vehicle without jack stands. Jacks are not designed to maintain heavy loads for long periods of time. Do not attempt to put jack stand simultaneously under both ends of vehicle or under one side of vehicle.
7. Turn release valve **SLOWLY** counter-clockwise to lower load onto jack stands.

LOWERING VEHICLE:

1. Turn the release valve clockwise to the closed position.
2. Pump the handle to lift vehicle off of jack stands.
3. Remove the jack stands. Do not get under or let anyone else under the vehicle while lowering.
4. Turn the release valve **SLOWLY** counter-clockwise to lower the vehicle onto the ground.

INSPECTION

The product shall be maintained in accordance with the product instructions. No alterations shall be made to this product.

1. Before each use, a visual inspection shall be made for abnormal conditions such as cracked welds, damage, bent, worn, loose or missing parts.
2. Inspections shall be performed in accordance with this manual.
3. The product shall be inspected immediately if it is believed to have been subjected to abnormal load or shock. Owners and / or operators should be aware that repair of this product may require specialized equipment and knowledge.

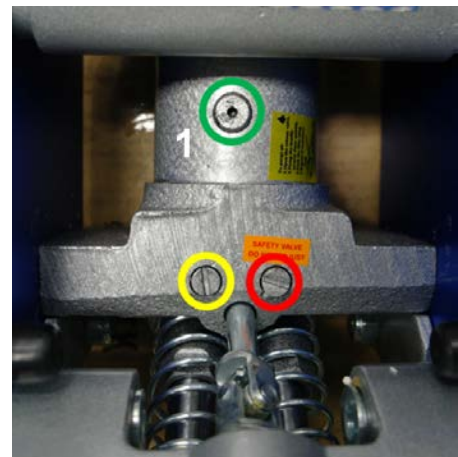
MAINTENANCE

Monthly Maintenance is recommended. Lubrication is critical to jacks as they support heavy loads. Any restriction due to dirt, rust, etc., can cause either slow movement or cause extremely rapid jerks, damaging the internal components. The following steps are designed to keep the jack maintained and operational.

1. Lubricate the ram, linkages, saddle and pump mechanism with light oil.
2. Visually inspect for cracked welds, bent, loose, missing parts or hydraulic oil leaks.
3. The product shall be inspected immediately if it is believed to have been subjected to abnormal load or shock.
4. Any hydraulic jack found damaged in any way, is found to be worn or operates abnormally shall be removed from service until repaired by an authorized customer service representative.
5. Clean all surfaces and maintain all labels and warnings.
6. Check and maintain the ram oil level.
7. Check the ram every three months for any sign of rust or corrosion. Clean as needed and wipe with an oil cloth.
8. When not in use, always leave the saddle and ram all the way down.
9. Always store your jack in the fully lowered position. This will help protect critical areas from corrosion.
10. Do not use brake or transmission fluids or regular motor oil as they can damage the seals. Always purchased and use products labeled Hydraulic Jack Oil.

CHECK OIL LEVEL

1. Turn release valve counter-clockwise to allow ram to fully retract. It may be necessary to apply force to the saddle for lowering.
2. With the jack in the level position, remove the rubber oil fill plug 1 (green).
3. Stand jack in vertical position with handle socket down. The oil level should be 10 mm under the bottom of fill hole. If not, top off. Do not overfill. Always fill with new, clean hydraulic jack oil.
4. Replace fill plug and inspection plate.
5. Check jack operation.
6. Purge air from system as required.



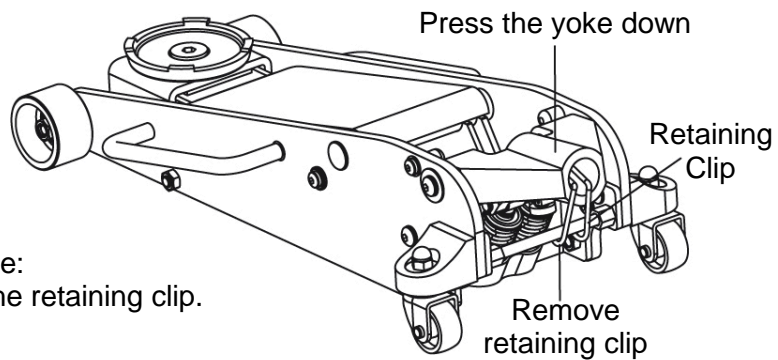
ATTENTION: Never turn the **red** or **yellow** marked screws. Failure to consists an safety risk.

SYSTEM AIR PURGE:

1. Turn release valve counter-clockwise one full turn to open.
2. Pump handle eight full strokes.
3. Turn release valve clockwise to close valve.
4. Pump the handle until the lift arm reaches maximum height and continue to pump several times to remove trapped air in the ram.
5. Carefully and slowly pinch oil fill plug to release trapped air.
6. Turn release valve counter-clockwise one full turn and lower lift arm to the lowest position. Use force if necessary.
7. Turn release valve clockwise to closed position and check for proper pump action. It may be necessary to perform the above more than once to assume air is evacuated totally.

TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	ACTION
Jack will not lift to full height	Low oil level	Check oil level
Jack will not hold load	Release valve not closing Hydraulic jack oil contaminated Pump valves not sealing Cylinder ram binding	Call customer service
Lift arm will not lower	Cylinder ram binding Parts worn Internal damage Broken return spring or unhooked Lift arm linkage bent or binding	Call customer service
Jack feels spongy when lifting	See Air Purge section	See Air Purge procedure



Remove the retaining clip before use:
Press the yoke down and remove the retaining clip.