



HYDRAULIC FLOOR JACK 2 TON



ITEM NO. **7852**

INSTRUCTION MANUAL

SPECIFICATIONS



Rated Capacity
(Safe Working Load)

2000kg

Lowered Height

140mm

Maximum Height

340mm

Owner and/or operator responsibility

The owner and/or operator shall study the product instructions and retain them for future reference.

Operation

The owner and/or operator shall have understanding of the product, its operating characteristics, and safety operating instructions before operating the jack. Safety information shall be emphasized and understood. If the operator is not fluent in English, the product and safety instructions shall be read to and discussed with the operator in the operator's native language by the purchaser/owner or his designee, making sure that the operator comprehends their contents.

Maintenance

The jack shall be maintained in the accordance with the product instructions.

1. When jack is not in use, lifting arm should be in full down position.
2. Always keep jack clean and keep the screw and bearings well lubricated.
3. Store the handle with care.

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 damage 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. When not in use, always leave the saddle and ram all the way down.

Always store your jack in the fully lowered position. This will help protect critical areas from corrosion.

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.

Inspection

- (a) Visual inspection shall be made before each use of the jack by checking for abnormal conditions, such as cracked welds, leaks, and damaged, loose, or missing parts.
- (b) Other inspections shall be made per product operating instructions.

- (c) The jack shall be inspected immediately if the device is believed to have been subjected to and abnormal load or shock. It is recommended that this inspection be made by a manufacturer's or supplier's authorized repair facility.
- (d) Owners and/or operators should be aware that repair of this equipment may require specialized knowledge and facilities. It is recommended that an annual inspection of the jack be made by a manufacturer's or supplier's authorized repair facility and that any defective parts, decals, or safety labels or signs be replaced with manufacturer's or supplier's specified parts. A list of authorized repair facilities is available from the manufacturer or supplier.

Damaged Equipment

Any jack that appears to be damaged in any way, is found to be worn or operates abnormally SHALL BE REMOVED FROM SERVICE UNTIL REPAIRED. It is recommended that necessary repairs be made by a manufacturer's or supplier's authorized repair facility if repairs are permitted by the manufacturer or supplier.

Because of potential hazards associated with this type of equipments, No alterations shall be made to the product.

Owners and/or Operators should be aware that repair of this product may require specialized equipments and knowledge. Only factory authorized parts, labels, decals shall be used on this equipments. Call customer service department. Annual inspection of the jack is recommended and shall be made by the manufacturers or suppliers authorized repair facility to ensure that your jack is in optimum condition and that the jack has the correct decals and safety labels specified by the manufacturer.

Alterations

Because of potential hazards associated with this type of equipment, no alterations shall be made to the product.

Attachments and Adaptors

Only attachments and/or adaptors supplied by the manufacturer shall be used.

Safety Warnings

1. Read, study and understand all warnings and operating instructions prior to use.
2. Do not overload this jack beyond the rated capacity.
3. This jack is designed for use only on hard level surfaces capable of sustaining the load.
4. This is a lifting device only. The load must be supported immediately by other appropriate means.
5. Do not move or dolly the vehicle while on the jack.
6. Lift only on areas of the vehicle as specified by the vehicle manufacturer.
7. Center load on saddle prior to lifting.
8. Some vehicles require an adapter to properly engage the frame for lifting. Use vehicle manufacturer's instructions on proper lifting.
9. No alterations to the jack shall be made.
10. Do not get under or allow anyone under the vehicle until it has been supported by jack stands.
11. Only attachments, restraints, or adapters supplied by the manufacturer shall be used.
12. Failure to heed these warnings may result in personal injury and/or property damage.

Instructions for Use

Raising Vehicle:

1. Make sure the jack and vehicle are on a hard 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 counterclockwise to lower load onto jack stands.

Lowering Vehicle:

1. Turn 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 counterclockwise to lower the vehicle onto the ground.

Check Oil Level

1. Turn release valve counterclockwise to allow ram to fully retract. It may be necessary to apply force to the saddle for lowering.
2. Remove the inspection plate
3. With the jack in the level position, remove the oil fill plug. Stand jack in vertical position with handle socket down. The oil should be level with 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.

Trouble Shooting

SYSTEM AIR PURGE:

1. Turn release valve counterclockwise one full turn to open.
2. Pump handle eight full strokes.
3. Turn release valve clockwise to close valve.
4. Pump handle until the ram 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 counterclockwise one full turn and lower ram 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



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