

**PARTS LIST**

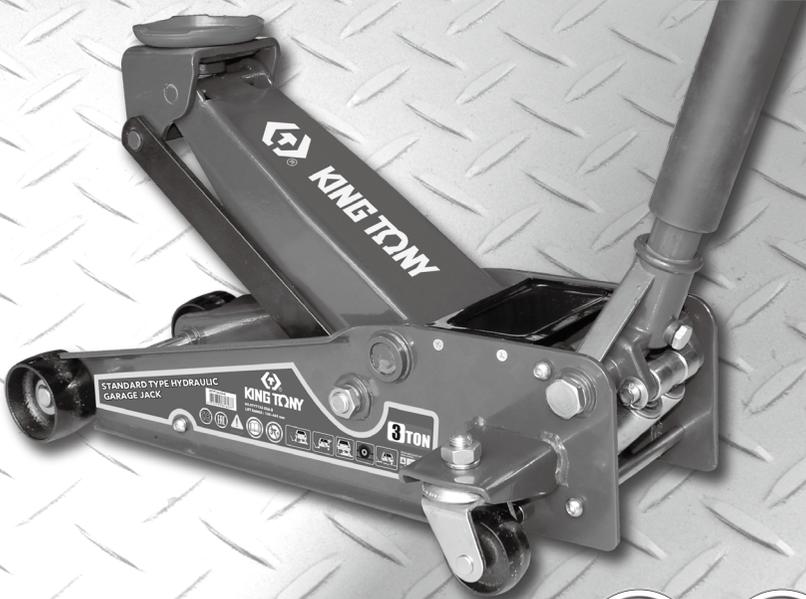
Part	Description	Qty	Part	Description	Qty
1	Front Wheel Assembly	2	6	Return spring	2
2	Saddle	1	7	Power unit assembly	1
3	Grease fitting	1	8	Handle fork assembly	1
4	Cover	1	9	Rear caster assembly	2
5	Handle Sembly	1			

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# STANDARD TYPE HYDRAULIC GARAGE JACK OPERATION MANUAL

**3  
TON**



NO.9TYT132-03A-B

Please wear proper safety gear while working.



KT NO.	Capacity (T)	Min height (mm)	Max height (mm)
9TYT132-03A-B	3	133(5-1/4")	465(18-1/4")

## **READ ALL INSTRUCTIONS BEFORE USE**

- Study, understand, and follow all instructions before operating this device.
- Do not exceed the rated capacity stated.
- Use only on hard level surfaces.
- This item is to be used as a lifting device only. Immediately after lifting, support the vehicle with appropriate means.
- Do not move or dolly the vehicle while it is on the jack.
- Lift only on areas of the vehicle as specified by the vehicle manufacturer.
- No alterations shall be made to this product.
- Failure to heed these markings may result in serious personal injury and / or property damage.
- Prior to each use, visual inspection shall be made to the device by checking for abnormal conditions,- such as cracked welds, leaks, and damaged, loose, or missing parts.



## **LIFTING**

- Turn the handle/release valve clockwise to the closed position. Do not over tighten.
- Position the jack under the specified lift point.
- Begin lifting by pumping the handle up and down.
- Immediately after lifting, support the vehicle with appropriately rated jack stands.
- Turn the handle/release valve slowly counterclockwise to lower the vehicle onto jack stands.

## **LOWERING**

- Turn the handle/release valve clockwise to the closed position. Do not over tighten.
- Pump the handle up and down to lift vehicle off jack stands.
- Remove the jack stands. Do not get under or let anyone get under the vehicle while lowering.
- Turn the handle/release valve slowly counterclockwise to lower the vehicle onto the ground.

## **MAINTENANCE**

**NOTICE:** Use high grade hydraulic oil only. Never use brake fluid, motor oil, transmission fluid, turbine oil or any other fluids.

## **CHECK AND REFILL OIL**

- With the jack in the fully lowered, level position, if unit cover is provided, remove unit cover, then remove oil filler plug.
- Proper oil level should be just covering inner cylinder as seen from the oil filler plug hole.
- Do not overfill. Always fill with new, clean hydraulic jack oil as recommended above.
- Reinstall oil filler plug, then reinstall unit cover.

## **LUBRICATION AND CLEANING**

- Periodically clean and lubricate all moving parts and pivot points.

## **AIR VENTING PROCEDURES**

- With the jack in the fully lowered position, release valve open, remove oil filler plug.
- Pump the handle rapidly several times. Reinstall oil filler plug.
- Turn the handle/release valve clockwise to the closed position.
- Pump the handle until the lift arm reaches maximum height and continue to pump several times to remove trapped air in the system.
- Turn the handle/release valve counterclockwise in one full turn and lower lift arm to the lowest position. Use force on saddle if necessary.
- Carefully and slowly loosen oil filler plug to release pressurized air.
- Repeat above steps until trapped air is completely vented.

## **INSPECTION**

- Visual inspection shall be made before each use of the device by checking for abnormal conditions, such as cracked welds, leaks, and damaged, loose, or missing parts.
- This device shall be inspected immediately if the device is believed to have been subjected to an abnormal load or shock.

## **TROUBLESHOOTING**

<b>Symptom</b>	<b>Possible Causes</b>	<b>Solution</b>
<b>Jack will not lift the load.</b>	<ol style="list-style-type: none"><li>1. Release valve not tightly closed.</li><li>2. Low oil level.</li><li>3. Defective or worn internal parts.</li><li>4. Load exceeds maximum allowance.</li></ol>	<ol style="list-style-type: none"><li>1. Tighten release valve.</li><li>2. Check and add oil.</li><li>3. Discontinue use and contact a local repair center.</li><li>4. Use a higher capacity jack.</li></ol>
<b>Jack will not hold the load.</b>	<ol style="list-style-type: none"><li>1. Release valve not tightly closed.</li><li>2. Power unit malfunction.</li></ol>	<ol style="list-style-type: none"><li>1. Tighten release valve.</li><li>2. Discontinue use and contact a local repair center.</li></ol>
<b>Jack will not descend to minimum height, or will not remain in lowered position.</b>	<ol style="list-style-type: none"><li>1. Air trapped in system.</li><li>2. Reservoir oil overfilled.</li></ol>	<ol style="list-style-type: none"><li>1. Vent air out of system. Follow "Air Venting Procedures" above.</li><li>2. Check and ensure proper oil level.</li></ol>
<b>Jack will not lift to max height.</b>	<ol style="list-style-type: none"><li>1. Low oil level.</li></ol>	<ol style="list-style-type: none"><li>1. Check and ensure proper oil level. Follow "Check and Refill Oil" instructions above.</li></ol>
<b>Jack will not function properly after tried solution.</b>	<ol style="list-style-type: none"><li>1. Internal malfunction or structural damage.</li></ol>	<ol style="list-style-type: none"><li>1. Stop usage and contact an authorized repair center.</li></ol>