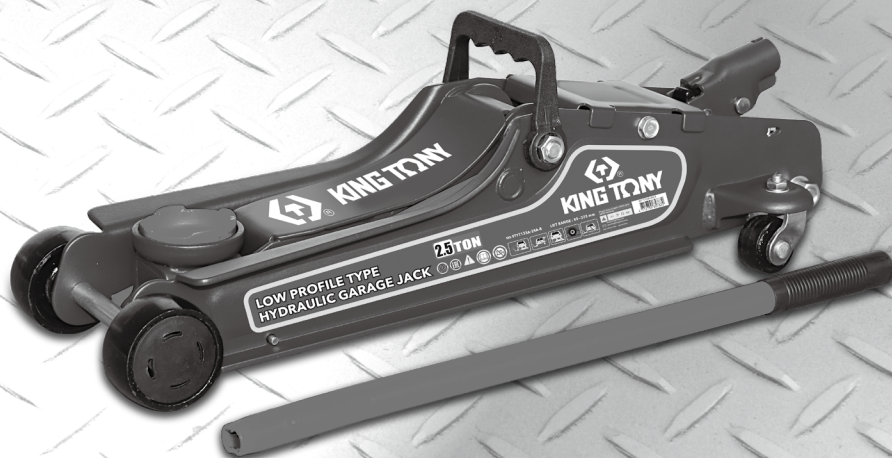


## PARTS LIST

Part	Description	Qty	Part	Description	Qty
1	Lock nut	3	17	Carry handle	1
2	Lock washer	2	18	Cover plate	1
3	Washer	1	19	Spindle	1
4	Front wheel	1	20	Hydraulic unit	1
5	Bushing	1	21	Handle	1
6	Frame	1	22	Spring	1
7	C-ring	2	23	Nut	1
8	Radius link	1	24	Spring washer	1
9	C-ring	1	25	Washer	2
10	Lifting arm	1	26	Bearing race	1
11	C-ring	1	27	Castor wheel	1
12	Saddle	1	28	Bolt (m8x14)	1
13	Side member spindle	1	29	Washer	1
14	Front wheel axle	1	30	C-ring	1
15	Saddle pin	1	31	Link pin	1
16	Lifting arm spindle	1			

# LOW PROFILE TYPE HYDRAULIC GARAGE JACK OPERATION MANUAL

**2.5  
TON**



Please wear proper safety gear  
while working.



KT NO.	Capacity (T)	Min height (mm)	Max height (mm)
9TYT133A-25A-B	2.5	85(3-3/8")	375(14-3/4")

**READ ALL INSTRUCTIONS BEFORE USE**

- Study, understand, and follow all instructions before operating this device.
- 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.
- 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 support the vehicle with appropriate rated jack stands after lifting.
- Do not move 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.



**LIFTING**

- Using the handle, turn the 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 release valve slowly counterclockwise to lower the vehicle onto jack stands.

**LOWERING**

- Using the handle, turn the 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 release valve slowly counterclockwise to lower the vehicle onto the ground.

**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 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 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.

## 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.

## ALTERATIONS

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

## ATTACHMENTS AND ADAPTERS

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

## TROUBLESHOOTING

Problems	Causes	Solutions
Jack will not lift the load.	1. Release valve not tightly closed.	1. Tighten release valve.
	2. Low oil level.	2. Check and add oil. Follow "Check and Refill Oil".
	3. Defective or worn internal parts.	3. Discontinue use and contact a local repair center.
	4. Load exceeds maximum allowance.	4. Use a higher capacity jack.
Jack will not hold the load.	1. Release valve not tightly closed.	1. Tighten release valve.
	2. Power unit malfunction.	2. Discontinue use and contact a local repair center.
Jack will not descend to minimum height, or will not remain in lowered position.	1. Air trapped in system.	1. Vent air out of system. Follow "Air Venting Procedures" above.
	2. Reservoir oil overfilled.	2. Check and ensure proper oil level. Follow "Check and Refill Oil".
Jack will not lift to max height.	1. Low oil level.	1. Check and ensure proper oil level. Follow "Check and Refill Oil" instructions above.
Jack will not function properly after tried solution.	1. Internal malfunction or structural damage.	1. Stop usage and contact an authorized repair center.