KINCROME

Hydraulic Trolley Jacks
1,850kg & 2,000kg





K12161 **K12168**

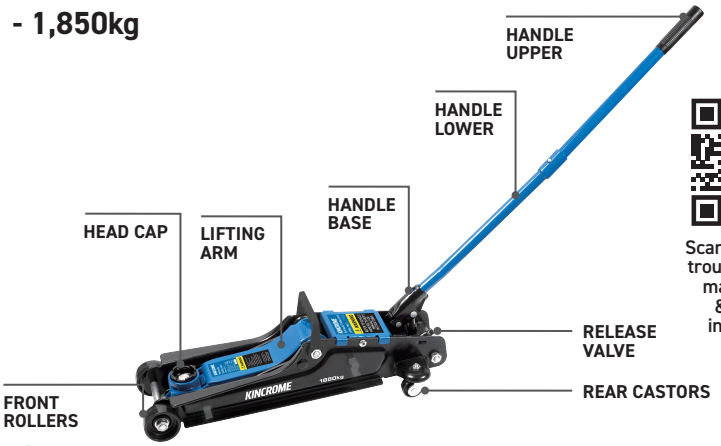
K12161 Type 2 - 1850kg Hydraulic Trolley Jack Low Profile
K12168 Type 2 - 2000kg Hydraulic Trolley Jack

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Caution: Do not allow persons to operate or assemble this Jack until they have read this manual and developed a thorough understanding on how the Jack works

Know Your Product

K12161 - 1,850kg



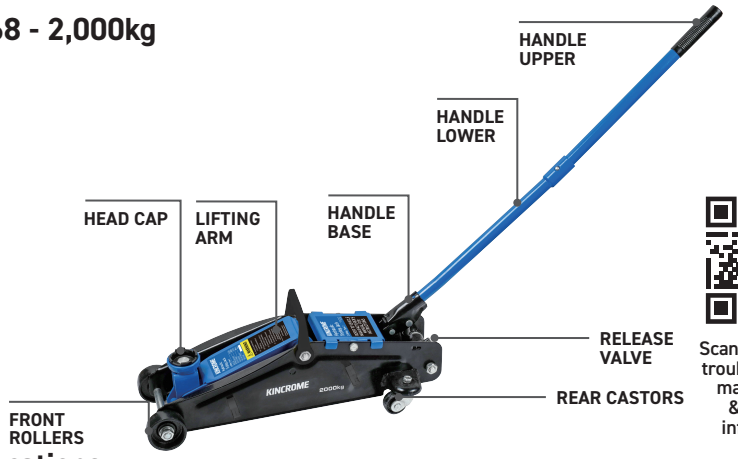
Scan QR code for troubleshooting, maintenance & product information

Specifications

Working load limit	1,850kg
Height lowered	86mm
Height raised	380mm

Head cap	46mm
Handle length	700mm
Net weight	14.00kg

K12168 - 2,000kg



Scan QR code for troubleshooting, maintenance & product information

Specifications

Working load limit	2,000kg
Height lowered	130mm
Height raised	386mm

Head cap	46mm
Handle length	700mm
Net weight	12.20kg

Important Safety Instructions

Save all warnings and instructions for future reference.
WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in serious injury and/or death.

The use of a vehicle Jack has inherent dangers to avoid risk of personal injury or property damage make sure you are fully aware of the operating instructions for this product, the recommendations in the vehicle owners manual for Jacking of your vehicle prior to lifting the vehicle. Do not exceed maximum lifting capacity of this Jack. This Jack is intended for automotive use only. Be aware that large or heavy vehicles may exceed Jack's stated capacity check vehicle owners manual or contact the vehicle manufacturer. Do not use for any other purpose except the raising and lowering of vehicles, never use to raise any structure or building, Do not lift any human and never ride on Jack.

PERSONAL SAFETY

1) **Stay alert.** Watch what you are doing and use common sense when operating the Jack. Do not use the Jack while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the Jack increases the risk of injury to persons.
2) **Dress properly. Do not wear loose clothing or jewellery. Contain long hair. Keep hair, clothing, and gloves away from moving parts.** Loose clothes, jewellery, or long hair increases the risk of injury to persons as a result of being caught in moving parts.
3) **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the Jack in unexpected situations.
4) **Use safety equipment.** A dust mask, non-skid safety shoes and a hard hat must be used for the applicable conditions.

PREPARING WORK AREA

Before using Jack to lift vehicle, it is important to prepare work area properly. Follow this procedure each time the Jack is used to help prevent property damage and or serious injury.

1) **Plan location of Jack beneath vehicle, making sure Jack will be contacting only a Jack support area of vehicle.**
2) **Clear obstructions from work area.** Working in tight or cluttered work areas is dangerous.
3) **Clear children and others from work area before moving or lifting vehicle.** Another adult should be nearby for extra safety and assistance but must be clear of vehicle as it is moved or lifted.
4) **Conduct a pre-operational check of the equipment.** Thoroughly inspect Jack for damage or wear before each use.
5) **Briefly test operation of unvehicled Jack before using to lift any vehicle.** If Jack is damaged or is malfunctioning **DO NOT LIFT ANY VEHICLE** until the problem is corrected.
6) **The Vehicle manufacturer's owner's manual should be consulted prior to the lifting of the vehicle.** It will advise safety precautions, Jacking procedure, vehicle weight, recommended Jack type, and location of Jack support areas on vehicle. **NEVER EXCEED WORKING VEHICLE LIMIT OF Jack.**
7) **The hydraulic vehicle jack is for lifting and lowering purposes only. Support the raised vehicle with appropriately rated vehicle support stands (not included). Remove the hydraulic trolley jack completely before beginning work on the vehicle.** Thoroughly read and understand the manufacturer's instructions and safety information for the vehicle support stands before use.
8) **Be sure Jack and vehicle are on solid, level ground such as paved or concrete driveway or garage floor. The Jack should be used on level firm ground wherever possible.** Uneven or sloped surfaces create hazardous working conditions and dangerously impede the function of the Jack. Ensure the Jack is free to roll during lifting and lowering.
9) **No person should remain in a vehicle that is being lifted. No person should enter a vehicle which is supported by a Jack or by vehicle support stands.** No person should lean into a vehicle which is supported by a Jack or by vehicle support stands.
10) **No person should place any part of their body under a vehicle that it supported only by a trolley Jack.**
11) **With vehicle in proper position, set vehicle's parking brake or emergency brake and put gear-shift in park (manual transmissions should be placed in 1st gear).** Twist **VEHICLE IGNITION OFF AND TO THE "LOCK" POSITION** making sure steering wheel locks.
12) **It is recommended that the unlifted wheels of the vehicle be chocked. Do not rely on vehicle transmission or brakes to hold vehicle in position. Chock all wheels of vehicle not being lifted off the ground to prevent vehicle rolling.** Using

wedge-shaped blocks that tyre cannot roll over, position one chock tight against the tyre in both forward and reverse rolling paths.

13) **The vehicle should be centrally located on the head cap.** Off centre vehicles can be unstable.

Unpacking and Assembling Jack

UNPACKING

Instruction Manual Images

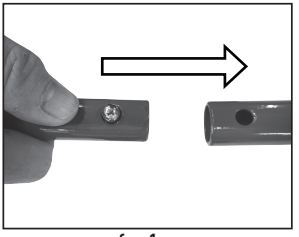


fig 1.

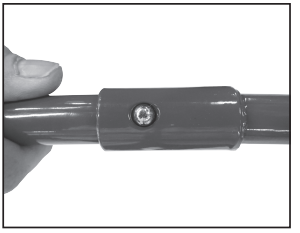


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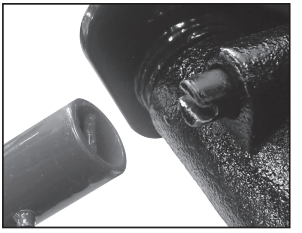


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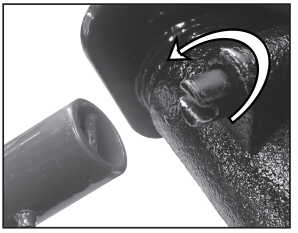


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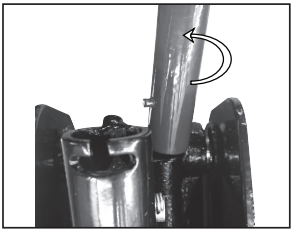


fig 5.

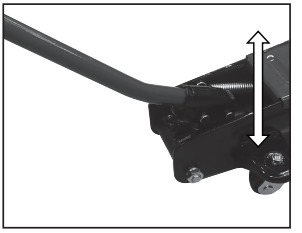


fig 6.

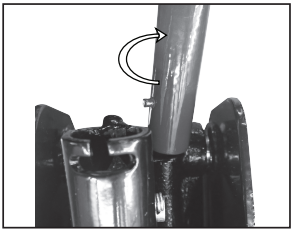


fig 7.

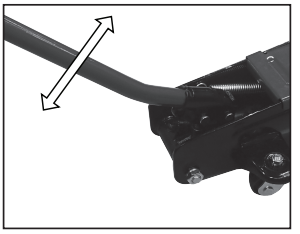


fig 8.

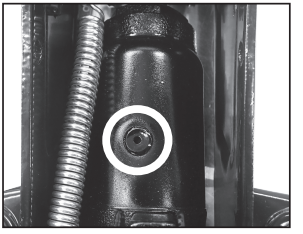
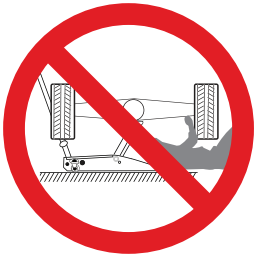
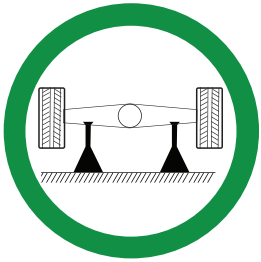


fig 9.

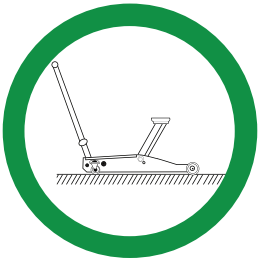
WARNING



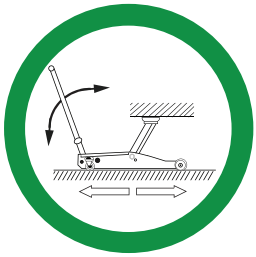
DEATH OR INJURY FROM INCORRECT USE



USE TWO SUPPORT STANDS



FLAT HARD LEVEL GROUND



FREE TO ROLL DURING LIFTING AND LOWERING

Refer To Vehicle Manufacturer's Manual For Instructions

Unpack all the components from the box.

When unpacking the trolley Jack carefully inspect for any damage that may have occurred during transit.

Check for loose parts, missing parts or damaged parts.

1. Ensure all packaging materials are disposed of as per your local council guide lines.

2. Modifications must not be carried out or accessories added.

Assembling the Handle Assembly

1. Ensuring the locking holes are aligned, insert the Upper Handle into the Lower handle (fig.1).

2. Ensure the hole in the Lower handle aligns with the retaining clip in the Upper handle, push until you can hear a CLICK (fig.2).

3. To Open release valve. Align the lower handle pin with the slot in the release valve (fig.3), then rotate the handle assembly anti-clockwise no more than 1-1/2 turns (see Fig. 4).

4. To move the jack, insert the handle assembly into the handle base and rotate it clockwise. The jack can now be maneuvered using the handle.

BLEEDING / VENTING TRAPPED AIR

Note: Before first use, the hydraulic ram may need to be purged. Some air may intrude in the hydraulic system due to movement during shipping. Air bubbles can become trapped inside the hydraulic system, thereby reducing the efficiency of the Jack.

1. Use the handle assembly to twist the release valve 1-1/2 turns counter-clockwise (fig.5).

2. Rapidly pump the handle assembly 10 to 20 times to purge air from the hydraulic system (fig.6).

3. Use the handle assembly to twist the release valve clockwise until tight (fig.7). Do not over-tighten.

Operation

Your Kincrome Trolley Jack is designed to be used with a specific handle length and head cap size. See below for details.

Part Number	Handle	Head Cap
K12161	700mm	46mm
K12168	700mm	46mm

BEFORE FIRST USING JACK CARRY OUT THE FOLLOWING PREPARATION:

1. Check oil level - Open release valve with the handle assembly (fig.4) not more than two turns and press down on head cap to ensure lifting arm is fully down.

2. Remove fluid filler plug (fig.9). Hydraulic fluid level should be visible at the oil filler hole approx 12 mm below fluid filler, top as required (refer to the "Maintenance and Storage" pg 7).

3. Bleed system - refer to the above "Bleeding/Venting Trapped Air".

4. Lubricate - The Hydraulic Trolley Jack does not require lubricating before first use. It is recommended to periodically grease the wheels and lifting arm pivot via the fitted grease nipple.

RAISING THE LIFTING ARM

WARNING!: Do not over load this Jack's maximum capacity, refer to the specification section (pg 2) for the Max Working Vehicle Limits.
WARNING!: The vehicle manufacturer's owner's manual should be consulted for the correct lift points prior to the lifting of the vehicle.
Place vehicle in park, with hand brake on and wheel securely chocked to prevent inadvertent vehicle movement.

1. Align the lower handle pin with the slot in the release valve.

2. Close the release valve by rotating the handle assembly clockwise until you feel firm resistance (see Fig. 4).

3. Inspect position of head cap beneath support area, making sure it is centred and properly engaging support area.

4. Insert the lower handle into the handle base and rotate anti-clockwise to lock in place (fig.6).

5. To lift, continue pumping until vechile reaches desired height. Pay attention to head cap position as vehicle is being raised to be sure there is no danger of support area slipping off or lifting from the head cap.

6. Place Jack stands (always use in pairs) under vehicle support areas.

7. SLOWLY turn handle assembly counter-clockwise (fig.5) to ease vehicle down onto Jack stands.

WORKING ON VEHICLE

Any vehicle being supported by a Jack or Jack stands creates a potentially hazardous working environment.
Do not move or roll a Jack that is supporting a vehicle. Never place any part of your body beneath a vehicle supported by a Jack.
Be careful of forces applied to vehicle such as torque on a nut or bolt. These forces could cause vehicle to become unstable on Jack stands if they are not properly placed. Do not turn on the vehicle's ignition or attempt to start any vehicle supported by a Jack or Jack stands.

LOWERING THE LIFTING ARM

Caution!: Make certain that all personnel are clear of the vehicle before lowering. Control the rate of descent of the vehicle at all times. The more you open the release valve, the faster the vechile descends.

1. Raise vehicle high enough to clear the Jack stands, then carefully remove Jack stands.
2. Align the lower handle pin with the slot in the release valve. Slowly turn the handle assembly counter-clockwise (fig.4) until the Jack just begins to lower.
3. Carefully control speed of descending vehicle. Lowering a vehicle too fast can cause property damage or serious injury.
4. After removing the Jack from under the vehicle, push down on the lifting arm to reduce the pump ram exposure to rust and contamination.
5. If the vehicle fails to lower:
   a) Use another Jack to raise the vehicle high enough to reinstall Jack stands.
   b) Remove the affected Jack. Repeat steps 1-4.

Maintenance and Storage

(Refer to Product Specifications for Maintenance QR codes)

LUBRICATING

Moving parts on a Jack should be lubricated occasionally with a light machine oil to maintain efficient operation. Apply oil to joints on Lift Arm hinges, push rods, Handle Base, Rear Castors, Front Rollers. Wipe away excess oil and grease with soft cloth.

MAINTAINING OIL LEVEL

Important Note:
When adding or replacing oil, always use a good grade hydraulic Jack fluid. Avoid mixing types of oil. **DO NOT** use brake fluid, alcohol, glycerine, detergent, motor oil or dirty oil, Improper fluid can cause serious internal damage to a Jack.

Adding Oil:
With Head Cap fully lowered & the Jack on level ground, remove the 2 screws and lift the pump cover where fitted.
Remove air vent valve (fig.9). Hydraulic fluid level should be visible at the air vent valve hole approx 12mm below air vent valve hole, do not overfill. If low, add fluid as needed then close air vent valve.

Replacing Oil:
For better performance & longevity, replace oil supply once a year. To drain oil, open air vent valve and loosen the release valve by twisting handle assembly counter-clockwise. **BE VERY CAREFUL** not to permit dirt or foreign matter to get into the system. Invert the Jack over suitable container and allow oil to drain. Close release valve by rotating handle assembly clockwise, fill with good grade hydraulic Jack oil close air vent valve wipe away any spilt fluid. Test the Jack before lifting a vehicle.

Cleaning
The Jack should be wiped clean with soft cloth only. Do not use gasoline, kerosene, or other such solvents or any abrasive cleanser as cleaning agents and solvents will cause deterioration of the hydraulic seals.

Storage
Before storage, rotate handle assembly 1-1/2 turns counter-clockwise to release pressure in hydraulic cylinder.
Insert the handle assembly into the handle clips located on the side panels of the jack. Store the Jack level, in a clean environment preferably indoors, in a dry area to protect the Jack from moisture.

Repairing the Jack

There are no user serviceable parts except as outlined in the exploded views. Only trained, licensed and certified repair personnel should attempt any repairs or replacing of parts. Any modifications to this Jack, except those performed by the manufacturer, or their design, will void all warranties both written and implied.

Caring for the environment



When a Jack is no longer usable it should not be disposed of with household waste, but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

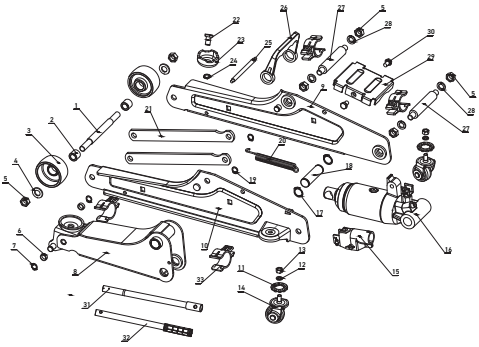
Troubleshooting

Symptom	Cause	Remedy
Jack will not lift vehicle.	1. Release Valve is not fully closed. 2. Air Trapped in Hydraulic system. 3. Oil level too low.	1. Close Release Valve firmly. 2. Bleed system - Bleeding / Venting Trapped Air on page 6. 3. Top-up to correct level.
Jack will not hold vehicle.	1. Release valve is not fully closed. 2. Over load condition. 3. Air Trapped in Hydraulic system. 4. Oil level too low. 5. Hydraulic unit malfunction.	1. Close Release Valve firmly. 2. Remedy over load condition. 3. Bleed system - Bleeding / Venting Trapped Air on page 6. 4. Top-up to correct level. 5. Contact Kincrome Customer Service.
Jack will not lift smoothly or to full height.	1. Oil level low. 2. Air Trapped in Hydraulic system.	1. Top-up to correct level. 2. Bleed system - Bleeding / Venting Trapped Air on page 6.
Jack will not lower completely.	1. Release Valve not sufficiently open. 2. Reservoir overfilled.	1. Slowly open Release Valve further. 2. Check oil level.

Exploded Diagrams

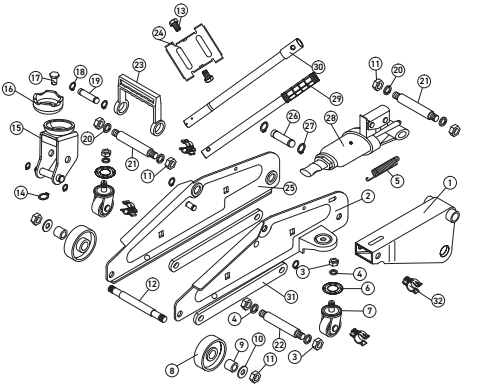
K12161

NO.	DESCRIPTION	QTY	NO.	DESCRIPTION	QTY
1	Front Wheel Axle	1	18	Lifting Axle	1
2	Front Wheel Bushing	2	19	Circlip for Shaft	2
3	Front Wheel	2	20	Pullback Spring	1
4	Flat Washer	2	21	Pull Rod	2
5	Hexagon Bolt	6	22	Saddle Axle	1
6	Bush	2	23	Saddle	1
7	Circlip for Shaft	2	24	Circlip for Shaft	1
8	Lifting Arm	1	25	Fixed distance axis	1
9	Right Side Plate	1	26	Carrying Handle	1
10	Left Side Plate	1	27	Centre Shaft	2
11	Steel Ball Holder	2	28	Lightened Spring Washer	4
12	Lightened Spring Washer	2	29	Cover Plate	1
13	Hexagon Bolt	2	30	Hexagon Bolt	2
14	Rear Wheel Assembly	2	31	Handle-1	1
15	Handle Socket	1	32	Handle-2	1
16	Pump Assembly	1	33	Hanlde Clip	4
17	Circlip for Shaft	2			



K12168

NO.	DESCRIPTION	QTY	NO.	DESCRIPTION	QTY
1	Lifting Arm	1	17	Saddle Axle	1
2	Left Side Plate	1	18	Circlip for Shaft	6
3	Nut	4	19	U-shaped Bracket Pin Shaft	1
4	Lightened Spring Washer	4	20	Lightened Spring Washer	6
5	Pullback Spring	1	21	Centre Shaft	2
6	Steel Ball Holder	2	22	Front Axle	1
7	Rear Wheel Assembly	2	23	Carrying Handle	1
8	Front Wheel	2	24	Cover Plate	1
9	Front Wheel Bushing	2	25	Right Side Plate	1
10	Flat Washer	2	26	Lifting Axle	1
11	Nut	6	27	Circlip for Shaft	2
12	Front Wheel Axle	1	28	Pump Assembly	1
13	Hexagon Bolt	2	29	Handle-1	1
14	Circlip for Shaft	1	30	Handle-2	1
15	U-shaped Bracket Weldment	1	31	Pull Rod	2
16	Saddle	1	32	Hanlde Clip	4



OFFICE CONTACT DETAILS

Phone: 1300 657 528 Email: enquiries@kincrome.com.au Website: www.kincrome.com.au

22 PAP

WARRANTY

1 YEAR WARRANTY

Our goods and services come with guarantees that cannot be excluded under the Australian Consumer Law. For major failures with the service, you are entitled: -to cancel your service contract with us; and -to a refund for the unused portion, or to compensation for its reduced value. You are also entitled to choose a refund or replacement for major failures with goods. If a failure with the goods or a service does not amount to a major failure, you are entitled to have the failure rectified in a reasonable time. If this is not done you are entitled to a refund for the goods and to cancel the contract for the service and obtain a refund of any unused portion. You are also entitled to be compensated for any other reasonably foreseeable loss or damage from a failure in the goods or service'. Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528) also provides the Kincrome Lifetime Guarantee and 12-Month Warranty (Kincrome Express Warranties) in respect of some of its products. If a product is covered by a Kincrome Express Warranty and it has materials or workmanship defects (other than defects caused by abnormal or non warranted use) which are covered under the terms of the relevant Kincrome Express Warranty, you can, at your cost, send the product to the above address for repair or replacement. Your rights under a Kincrome Express Warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. For further details and terms please check our product guide, visit www.kincrome.com.au or call us. Every effort is made to ensure advertised stock is available, but due to factors beyond the control of Kincrome Australia Pty. Ltd, not all products advertised in this catalogue may be available at all stores. Kincrome Australia Pty. Ltd. reserves the right to correct printing errors. All sizes shown are approximate only. Accessories shown do not come with the product unless otherwise specified. Due to printing process, colours in this catalogue may vary slightly to actual item. E. & O. E.© Copyright 2022. Reproduction in whole or in part is prohibited without written approval.