KINCROME
PROFESSIONAL QUALITY TOOLS
WORKSHOP



HYDRAULIC BOTTLE JACK

K12059

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Owner’s Assembly and Operating Manual

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SPECIFICATIONS

Working Load Limit	20000 KG
Height Lowered	200 mm
Height Raised	360 mm
Handle Length	780 mm
Head Cap Diameter	50 mm
Total Weight:	12.00KG
Part Number	K12059

IMPORTANT SAFETY INFORMATION

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 lower of vehicles, Never use to raise any structure or building, Do not lift any human load and never ride on jack.

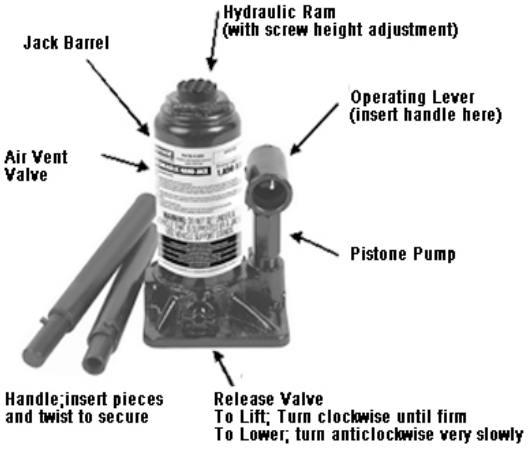
UNPACKING AND ASSEMBLING JACK

Unpacking Carton

Place carton in a clear, open area such as garage floor. Remove jack and handle from carton. Assemble handle by inserting into pre cut grooves and twist to lock in place.

Handle - Handle Wrench

With the jack sitting on its base on a flat surface, place handle wrench over release valve. Turn handle slowly clockwise until firm DO NOT over tighten. Remove handle from release valve and slide handle into handle operating lever.



Testing Handle Operation

Briefly test jack operation as follows BEFORE using to lift any load. With handle on the release valve turning clockwise or counter clock wise allows jack to be raised and lowered. To raise jack, twist handle completely clockwise until it stops. Do not force or tighten beyond this point. Take handle from release valve and place in handle operating lever, Pump handle a few times to raise jack about halfway. If jack does not begin to rise after a few pumps, check to make sure the release valve is tight. With jack raised, place handle on release valve twist handle slowly counterclockwise to lower jack. A normal hissing sound may be heard as jack lowers and pressure in hydraulic cylinder is released.

OPERATING JACK

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.) Thoroughly inspect jack for damage or wear before each use. Briefly test operation of unloaded jack before using to lift any load. If jack is damaged or is malfunctioning DO NOT LIFT ANY LOAD until the problem is corrected.

2.) 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. The working load limit of the jack is 20,000 kg. NEVER EXCEED WORKING LOAD LIMIT OF JACK.

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. **No person should remain in a vehicle that is being jacked**. 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.

4.) **No person should place any portion of their body under a vehicle that is supported by a jack**.

5.) Clear obstructions from work area. Working in tight or cluttered work areas is dangerous.

6.) The hydraulic vehicle jack should be used for lifting and lowering only; the raised vehicle should be supported on vehicle support stands.

7.) 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 impeded the function of the jack.

8.) With vehicle in proper position, set vehicle's parking brake or emergency brake and put gearshift in park (manual transmissions should be placed in lowest gear). TURN VEHICLE IGNITION OFF AND TO THE "LOCK" POSITION making sure steering wheel locks.

9.) **It is recommended that the 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 tire cannot roll over, position one chock tight against the tyre in both forward and reverse rolling paths.

10.) The load should be centrally located on the head cap. Off centre loads can be unstable.

11.) The hydraulic vehicle jack should be used for lifting and lowering only; the raised vehicle should be supported on vehicle support stands. Vehicle support stands (not included) will be needed to support vehicle once it is in raised position. Have jack stands, vehicle support stands capable of supporting vehicle weight ready nearby for use. Read and understand jack stand manufacturer's instructions and safety information before use and before lifting the vehicle with this jack.

12.) Plan location of jack beneath vehicle, making sure jack will be contacting only a jack support area of vehicle. Consult vehicle owner's manual for location of jack support areas.

Lifting Vehicle

Lifting a vehicle using a jack can be dangerous. Follow all instructions and precautions below. Do not lift any vehicle with its engine running or start any vehicle that is supported by jack or jack stands.

1.) With lifting arm completely lowered, roll jack into position beneath jack support area of vehicle.

DO NOT MANOEUVRE JACK WITH HANDLE ON THE RELEASE VALVE

2.) Twist jack handle completely clockwise on the release valve. Place handle in sleeve and slowly pump handle until head cap just begins to contact support area on underside of vehicle.

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

4.) Continue pumping handle until vehicle is lifted to 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.

5.) Place jack stands under additional vehicle support areas.

6.) SLOWLY twist jack handle counterclockwise 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 if jack stands are not properly placed. Do not turn vehicle ignition or attempt to start any vehicle supported by jack or jack stands.

Lowering Vehicle

Before lowering vehicle, be sure area under and near vehicle is clear of all persons and obstructions.

1.) Re-position jack under same support area used to lift vehicle.

DO NOT MANOEUVRE JACK WITH HANDLE ON THE RELEASE VALVE

2.) Twists handle completely clockwise. Pump handle until head cap just makes contact with support area under vehicle.

3.) Check to be sure head cap is centered under support area. Slowly pump handle to lift vehicle off from jack stands.

4.) Remove jack stands, setting them aside, well clear of vehicle.

5.) With firm grip on jack handle, SLOWLY twist handle counterclockwise until jack just begins to lower.

6.) Carefully control speed of descending vehicle. Lowering a vehicle too fast can cause property damage or injury.

MAINTENANCE AND STORAGE

Lubricating

Moving parts on 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, etc. Wipe away excess oil with soft cloth.

Maintaining Oil Level

Important Note:

When adding or replacing oil, always use a good grade Hydraulic Jack Oil, SAE 10 Hydraulic oil is recommended. Avoid mixing types of oil, DO NOT use Brake Fluid, Alcohol, Glycerin, Detergent, Motor Oil or Dirty Oil, Improper fluid can cause serious internal damage to Jack.

Adding Oil:

With head cap fully lowered lay jack on its side with air vent valve facing up, hold the jack vertical or use a rag or block to maintain a vertical position, remove Air Vent Valve being careful not to allow dirt to enter system. Oil level should be approx 12 mm below valve hole. If low, add oil 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 turning handle counterclockwise. BE VERY CAREFUL not to permit dirt or foreign matter to get into the system. Invert jack over suitable container and allow oil to drain. Close release valve by turning handle clockwise, fill with good grade Hydraulic Jack Oil close Air Vent Valve wipe away any spilt fluid. Test jack before lifting a load.

Cleaning

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, twist handle 1-1/2 turns counterclockwise to release pressure in hydraulic cylinder. Leave handle in this position. Store jack level, in a clean environment preferably indoors, in a dry area to protect jack from moisture.

Repairing Jack

There are no user serviceable parts except as outlined above. 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 designee, will void all warranties both written and implied.

Warranty given by Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528). If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can , at your cost, send the product to place of purchase, an authorized Kincrome service agent or one of Kincrome's addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

For further details please visit www.kincrome.com.au or call us

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