



HIGH LIFT FARM JACK 1500KG



TS8485

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This product Complies with Australian/New Zealand Standard:
AS/NZS 2693:2007 Vehicle Jacks

Thank You

For the purchase of this ToolShed product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.

Please contact us for any servicing, replacement parts, or questions you might have about your ToolShed product by visiting our website, or calling: 0800 948 665.

PRODUCT DETAILS

Product Model	ToolShed High Lift Farm Jack 1500kg
Product Code	TS8485

DISTRIBUTED BY:



Note:

This manual is for your reference only. Due to the continuous improvement of the ToolShed products, changes may be made at any time without obligation or notice.

Warranty:

This product may be covered under The ToolShed warranty. For more information, see our Terms & Conditions at www.thetoolshed.co.nz

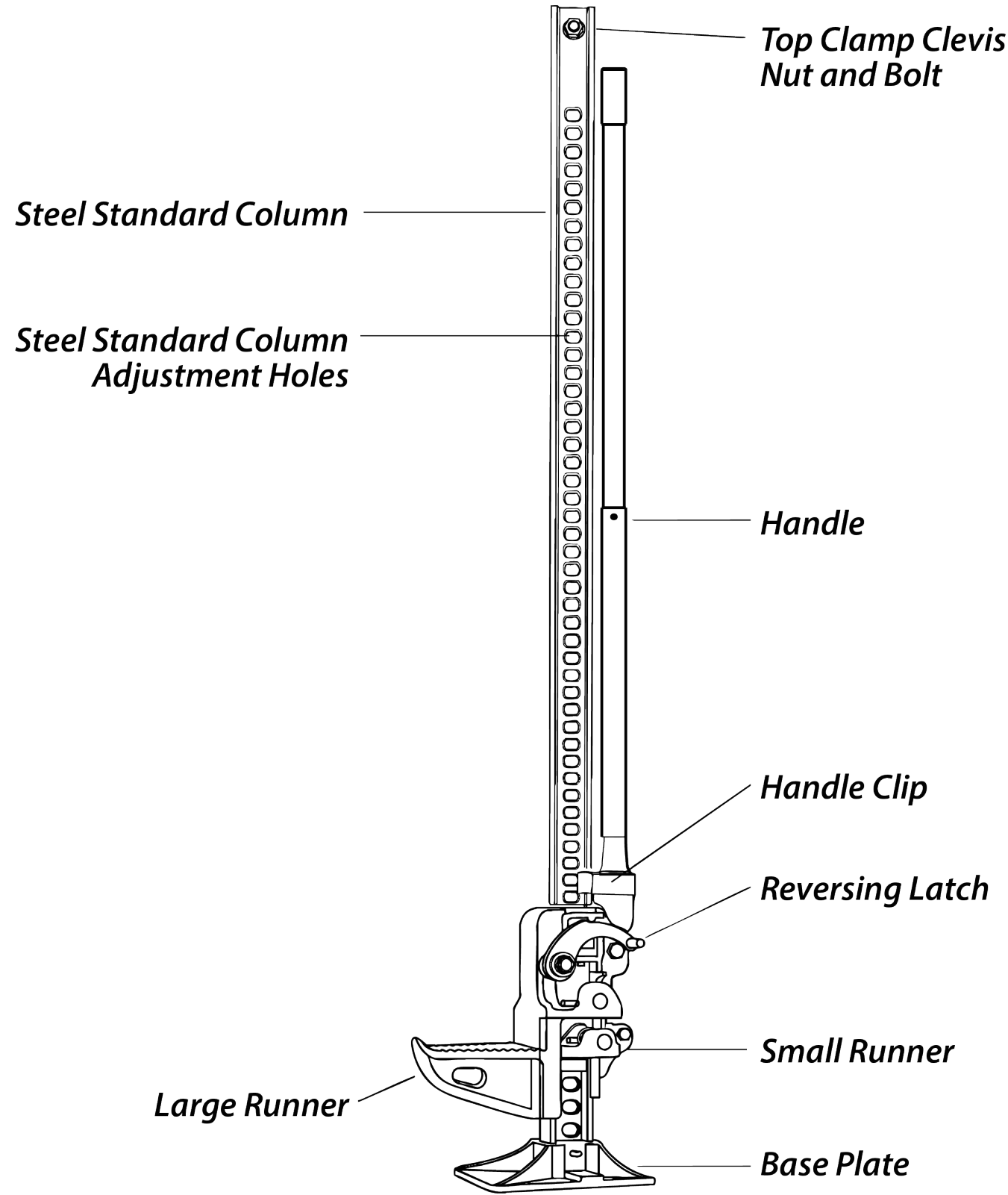
SPECIFICATIONS

<i>Rated Capacity</i>	1500 kg
<i>Lifting Range</i>	130mm–1060mm
<i>Lifting Height with Load</i>	110mm–1010mm
<i>Tongue Length</i>	115mm
<i>Net Weight</i>	14.82 kg
<i>Overall Dimensions (LxWxH)</i>	253 x 130 x 1220mm

Intended Use

The High Lift jack can be used in a number of situations where it is necessary to lift and push. High Lift jacks are great when it comes to lifting the vehicle clear from an obstacle e.g., a mound of dirt or rock that has come into contact with the underside of your vehicle and stricken it.

PRODUCT IDENTIFICATION



SAFETY GUIDELINES



WARNING

READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.

Work Area Safety

- **Ensure that your work area is kept clean and well lit.** Lack of visibility and clutter greatly increase the risk of accident when using tools.
- **Keep bystanders, pets, and children clear when operating this power tool or machine.** They can cause distraction or risk injury to themselves.
- **Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

Personal Safety

- **Always wear personal protective equipment (PPE).** Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- **Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk, away

from moving parts in the machine, or they could become caught therein.

- **Always remain alert and DO NOT operate power tools or machinery under the influence of any substances such as alcohol or drugs, including prescription medications.** Lack of focus could lead to injury or accidents while operating these power tools and machinery.
- **Always ensure proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury or accident.
- **Ensure the power switch is in the OFF position before connecting any battery, or power source to the power tool or machinery.** This can cause injury as tools and machinery can suddenly fire incidentally when live, causing accidents.
- **Use all provided dust collection and extraction attachments, if included.** This equipment, along with the use of PPE dust masks, can help keep you safe from dust, and keep your work site clear from hazards.
- **Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.**

Service

- **Have your tools and machinery serviced at The ToolShed with ToolShed replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

SAFETY GUIDELINES

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advice. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!
- **Do not let familiarity gained from the frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

High Lift Specific Safety

- **LEARN TO USE YOUR HIGH LIFT JACK:** Take some time and practice using your high lift jack so you should be familiar with ALL OPERATIONS. To ensure proper operation, carefully inspect for any damaged parts before operating the jack. DO NOT get under a raised vehicle; DO NOT use this jack for vehicle maintenance or wheel removal. NO PERSON SHOULD PLACE ANY PORTION OF THEIR BODY UNDER A VEHICLE THAT IS SUPPORTED BY A JACK.
- **JACK PREPARATION:** You must lubricate the jack before use with either a penetrating oil or silicone spray. Apply a light coat on the length of the lifting bar. Coat all the moving components in the lifting mechanism. DO NOT use grease or motor oil as they are not appropriate for lubricating the jack. DO NOT lubricate the handle or base plate.
- **INSPECT HIGH LIFT JACK AND EQUIPMENT FREQUENTLY:** The High Lift Jack should be inspected carefully for damages before each

use. Visually inspect the jack before each use, make sure all moving parts such as the climbing pins are not worn or damaged. Check the lifting bar and Handle and ensure there is not cracks or bends or other sign of damage. Check each hole on the lifting bar that they are free from blocking or signs of damage. DO NOT use the jack unless it has been properly lubricated and is in good clean working condition, substances such as dust, sand, water and mud can affect the performance and functionality of the jack.

- **USE LEATHER GLOVES:** When handling and using a high lift jack always use hand protection to reduce the possibility of injury.
- **STABILISE THE LOAD:** Secure the vehicle by putting the transmission into park (automatic) or in gear and low range for a manual transmission and applying the hand brake. Use an accessory such as wheel chocks at the opposite end being lifted. DO NOT use the jack to support the load, use accessories such as vehicle support stands that are rated greater than the load being lifted to support the load.
- **DO NOT OVERLOAD:** NEVER exceed the rated working load limit of the jack. DO NOT use inappropriate attachments in an attempt to exceed its rated working load limit. DO NOT use any attachments to extend the length of the handle.
- **WARNING LABELS & IDENTIFICATION PLATE:** DO NOT discard remove any warning labels or identification plates on this High Lift Jack. These contain important safety information.

OPERATION

WARNING

Improper use of this jack can cause the load to fall or the handle to fly up causing serious injury or death. Read the instruction manual properly before using this jack.

Before Each Use

- Inspect the jack thoroughly before each use. Make sure the jack is not damaged, badly worn, or missing parts.
- Do not use the jack unless it is in good, clean working condition and properly lubricated, see "Lubricating the Jack" section on page 10.

CAUTION

Do not use this jack on rounded vehicle bumpers. The vehicle could slip off the jack and fall, causing serious injury or death.

Raising a Stationary Load

CAUTION

Always place the handle against the steel bar before moving the reversing latch. This will prevent the handle from moving up and down rapidly which could cause serious injury or death if it comes into contact with any part of your body.

NOTE: The vehicle's owner manual should be consulted prior to the jacking of the vehicle.

1. Securely chock and stabilise the load to be lifted to prevent it from rolling or shifting as it is raised.
2. Place the handle in the upright position against the steel bar.
3. Place the jack base place securely onto firm, level ground with the steel bar pointing straight up
 - The jack should be used on firm level ground where ever possible.
 - It is recommended that the wheels of the vehicle be chocked, and that no person should remain in the vehicle that is being jacked.
4. Lift the reversing latch until it locks in the up position.
5. Grab the handle or the handle socket and raise the lifting mechanism until the nose is completely and securely under the load.
6. Grasp the handle firmly with both hands. Carefully pump the handle up and down to raise the load. **DO NOT USE AN EXTENSION ON THE HANDLE.**

CAUTION

Always keep your head out of the travel path of the handle. If your hands slip with the jack under load, the handle can fly up. Always keep your hands away from the moving parts of the lifting mechanism.

OPERATION

- The load will be raised on each DOWN stroke of the handle.
- Watch the load and jack carefully. Stop jacking if either one starts to move. Do not continue raising the load unless it is safe to do so.
- When the load is raised to the desired height, place the handle in the upright position against the steel bar.
- When safe and stabilised, block the load securely.
- NO Person should place any portion of their body under a vehicle that is supported by a jack.
- Use vehicle support stands.

Working with a Raised Load

CAUTION

This jack will not stabilise the load. You must chock and block the load to prevent it from falling. If a raised load fails, it can cause serious injury or death.

Always follow these rules when working with a raised load:

1. Make sure the load cannot slip, roll away or fall.
2. Never go underneath a raised load that is supported with a jack.
3. Remove the jack before you go underneath the load.
4. Never push a raised load off the jack.

Lowering the Load

CAUTION

Lowering the load is potentially dangerous. During lowering, the weight of the load pushes UP against the jack's handle. If your hands slip off handle or if the handle is horizontal when the reversing latch is moved down, it may fly up very quickly. If your head is in the handle's path, it could strike you, causing serious injury or death.

NOTE: This jack must have a minimum load of 50kg on it to lower step by step, otherwise the lifting mechanism will slide down to the base plate, 'dropping' the vehicle.

1. Before you move the reversing latch down place the handle in the upright position against the steel bar.
2. Move the reversing latch to the Down position.
3. Grasp the handle firmly with both hands. Carefully pump the handle up and down to begin lowering the load.
4. The load will be lowered on each UP stroke of the handle.

MAINTENANCE

- Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.
- Compressed air is the most effective way to clean this tool. Always wear PPE safety goggles when cleaning tools with compressed air.
- Ventilation openings and switch levers must be kept clean. DO NOT attempt to clean by inserting pointed objects through openings.
- Do not use harsh chemicals or solvents when cleaning this tool.
- If you discover any damaged or broken parts, consult your nearest ToolShed for replacements and advise.

Lubricating the Jack

- Use a non flammable cleaning solvent to clean the jack. Then lubricate the jack, using lithium grease or a light penetrating oil, or a silicon spray at the following points.
- **Steel Bar:** keep the front and back edges of the steel bar lightly oiled and free from dirt and rust.
- **Pitman Pin:** if the pitman pin is not kept lubricated, the handle socket and pitman will be damaged.
- **Climbing Pins & Springs:** Keep both climbing pins and springs oiled and free from dirt and rust.



WARNING

Always be sure that the tool is switched off and unplugged before attempting to perform any inspection or maintenance.

Environment & Disposal

- Packaging materials are raw materials and can be re-used. Separate the different packaging materials and take them to the appropriate waste disposal facility. More information can be obtained from your local authorities.
- Old machines do not belong in your household garbage! Dispose of old machines appropriately, we are all responsible for the environment.

TROUBLESHOOTING

FAULT	POSSIBLE SOLUTION
<i>Lifting mechanism jams or does not move freely</i>	Climbing pins in the jacks lifting mechanism have been design to walk up the lifting bar, if you find the pins are not moving freely or the lifting mechanism seems to jam clean and lubricate the pins. Follow the lubrication maintenance instructions to clean and lubricate the walking pins. Test the jack WITHOUT any load by raising the lifting mechanism, if the jack continues to jam or the pins do not operate smoothly please contact your nearest ToolShed.
<i>Lifting pins will not locate</i>	Make sure the lifting bar is clean and well lubricated.
	Make sure the lifting mechanism is clean and well lubricated.
	Check the condition of the each climbing hole in the lifting bar, if there is any signs of damage DO NOT USE.
	The Climbing pins may be bent check to see if the pins are bent. If you find the pins are bent DO NOT USE.
<i>Control lever will not engage or disengage</i>	Check the lifting mechanism condition if there is any sign of damage or bending DO NOT USE.
	Check the springs on the climbing pins if there is any sign of damage DO NOT USE.
	Make sure the control lever and reversing switch mechanism is clean and well lubricated, if there is any sign of damage DO NOT USE.
	Check the reversing switch where it contacts the cross pins. Make sure it is clean and well lubricated, if there is any sign of damage or bending DO NOT USE.
<i>The lifting mechanism will not work</i>	Check the cross pins, make sure they are clean and well lubricated, if there is any sign of damage DO NOT USE.
	Check the Handle shear pins and bolt are located and not bent or damaged, if there is any sign of damage DO NOT USE.
<i>The jack wobbles excessively</i>	Check the bolt and nut on the base plate are located and done up tight and there is no sign of damage.
	Check the base plate is in perfect condition and no bends or cracks, if there is any sign of damage DO NOT USE. NEVER carry out any repairs to the jack by yourself, DO NOT USE.

PARTS LIST

