



INSTRUCTION MANUAL

4WD LIFT JACK

- These instructions show you how to use and care for your 4WD Lift Jack.
- Never perform maintenance on the jack while it is under use



IMPORTANT: Please read and fully understand these instructions before using your Ironman 4x4 4WD Lift Jack

Care

Cleaning

If the moving parts of the jack or the standard bar are clogged, use air pressure, water pressure, or a stiff brush to clean. Use a non-flammable cleaning solvent or another good de-greaser to clean the jack. Remove any existing rust, preferably with a penetrating lubricant.

Binding

If the climbing pins start to bind in the holes of the standard bar the jack will not operate properly and safely. Rusty climbing pins, dirt, or worn bar can be causes of binding.

Clean and lubricate the lifting mechanism as indicated in the Lubrication section. Test the jack by lifting it up without a load. If the binding continues, send it to our Factory Service for repair. If the jack binds while under a load, use a jack with equal or larger load capacity to lower the load safely to the ground. After unbinding the jack clean, lubricate and test as described at the start of the paragraph.

Storing the jack

1. Place the handle in the upright clipped position against the steel standard bar.
2. Raise the reversing latch until it locks in the up position.
3. Store in the upright clipped position in a dry location, preferably indoors.

Inspection

You should inspect the jack for damage, wear, broken or missing parts (e.g.: climbing pins) and functionality before each use (see General Safety: Inspection). Follow lubrication and storage instructions for optimum jack performance.



Operation

Raising a Stationary Load

1. Securely chock and stabilise the load to prevent it from rolling or shifting as you lift it (see General Safety: Chock and Block).
2. Place the jack's base plate securely on a firm, level, and dry surface with the steel standard bar pointing straight up.
3. Lift the reversing latch until it locks in the up position.
4. Pull the handle away from the steel standard bar, releasing the handle clip spring.
5. Grasp the handle or the handle socket and raise the lifting mechanism until the large runner 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.

The load will be raised on each down stroke of the handle. Watch the load and the jack carefully. Stop lifting if either one starts to move. Do not continue until it is safe to do so. When safe, stabilise and block the load.

7. When the load is raised to the desired height, place the handle in the upright position clipped to the steel standard bar.
8. Block the load securely.
9. Lower the load onto the blocks (see Lowering a Stationary Load).
10. Remove the jack from the stabilised load.

Clamping

1. Loosen the standard top clamp-clevis bolt.
2. Turn the top clamp-clevis 90° to the steel standard bar, and re-tighten the bolt.
Note: You can connect the top clamp-clevis anywhere along the steel standard bar to use the jack as a clamp.
3. Operate the jack as you would for raising a load.



Winching

1. Make sure the top clamp-clevis is in line with the steel standard bar.
2. Install one end of a chain or tow strap securely to the object to be winched. Securely attach the other end of the chain or tow strap to the top clam-clevis of the jack.

Note: Use a shackle if the chain or tow strap will not fit through the top clamp-clevis of the jack.

3. Take another chain or tow strap and secure one end to a fixed, stable object. Attach the other end of the chain or tow strap to the large runner on the jack (do not attach chain or shackle to bottom hole of the large runner on the jack). If the fixed object is a tree, follow "Tread Lightly" principles and use a tree strap.



General Safety

Training

Read this manual before use. Do not allow anyone who has not read this manual, and/or does not understand the requirements, use the jack.

Spectators

Do not allow bystanders around the jack or under the load supported only by the jack.

Inspection

1. Inspect the jack carefully before each use. Ensure the jack is not damaged, excessively worn, or missing parts.
2. Check the climbing pins to make sure that they are not worn or damaged.
3. Check the steel standard bar to make sure that it is straight and that nothing is blocking the steel standard bar holes.
4. Do not use the jack unless it is in good clean working condition.
5. Do not use the jack unless it is properly lubricated.
6. Using a jack that is not in good clean working condition or properly lubricated may cause serious injury.

Chock and Block (Stabilise)

A chock is wedge for steadying an object and holding it motionless, or for preventing the movement of a wheel. Chock the wheel opposite the end being lifted.

When you block a load, you secure and support a load that is being lifted. The block(s) or stabiliser(s) should have a weight capacity that is greater than the weight of the load which is being lifted. Do not use the jack to support the load.

