

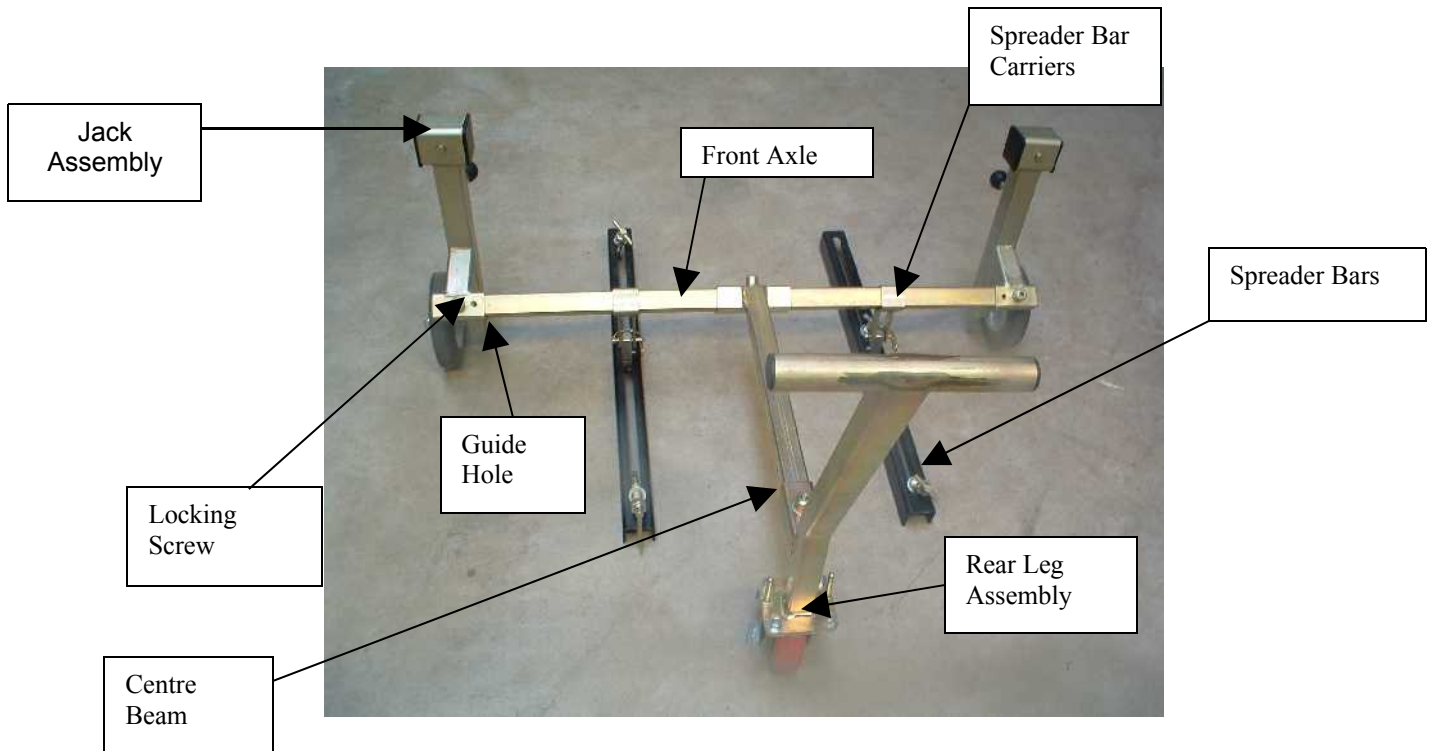
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Jack Lifter assembly and use



1. Assembly for use

Before attempting to use the unit ensure that all the parts are present and in a serviceable condition.

The unit is normally broken down for storage or transportation into manageable components.

1. HD jack assemblies.
2. Front axle assembly complete with two spreader bar carriers and quick release wheels.
3. Rear leg with 3rd braked wheel.
4. Centre beam.
5. Spreader bars and keys

Assemble the unit as follow:-

- a) Slide the front axle through the centre beam until the guide holes line up, then, tighten the Allen screw with the T bar provided.
- b) Slide the spreader bar carriers over each side of the beam protruding forwards.
- c) Slide the left hand jack assembly (colour coded) over the end of the front axle locate and tighten.
- d) Repeat for the right hand jack assembly.

Slide the rear leg assembly over the centre beam, locate and tighten.

Caution. Failure to follow the above procedures in the correct order will result in the unit becoming unstable during assembly.

2. Assembly for transportation



Assemble as in 1 using the short transportation beam provided

Note.

It is not necessary to lock the centre beam to the front axle for transportation.

The spreader bars should be located on the pegs attached to the rear wheel assembly and the long front axle and keys located above as shown.

Caution. Failure to follow the above procedures in the correct order will result in the unit becoming unstable during assembly.

3 Using the unit

Step 1

For four hole, split and diagonal split covers use two spreader bars.
For two hole covers use one spreader bar.

To use the spreader bars, clean out the cover key holes. Place the spreader bars in the required position to achieve a **central** lifting point. Insert the dedicated keys down through the spreader bar into the cover key holes, Turn the T bar at the top of the key stem to ensure that the key is correctly located into the cover key position. As a guide the key pin is parallel to the T bar.

Ensure that the keys are at 90 degrees to the key entry slot. With the key correctly located lock the spreader bar in position by tightening the key locking nut.

Step 2

Position the assembled **Jack Lifter** over the cover to be lifted

Lock the 3rd wheel by depressing the brake lever

Attach the spreader bars to the spreader bar carriers using the quick release pins.

You may need to lower or raise the jacks to do this.

Wind the jack handles to begin lifting the cover, winding alternately to break out the cover from its frame

Once the cover is fully raised, parallel to the ground, release the 3rd wheel brake and pull the Jack Lifter **backwards** clear of the access chamber. Re-apply the 3rd wheel brake.

To replace the cover - release the 3rd wheel brake, wheel the Jack Lifter forward to position the suspended cover over the access chamber frame, apply the 3rd wheel brake. Wind the jack handles to begin lowering the cover.

The system is designed to allow accurate and safe replacement of covers. The lowering operation can be stopped at any time and if necessary reversed.

3. Dismantling

To dismantle the unit for storage or transportation, apply a reverse procedure.

Caution. Failure to follow the above procedures in the correct order will result in the unit becoming unstable during dismantling.

Caution. Never leave the unit unattended without applying the third wheel brake.

Caution. Keep hands and fingers well clear of the access cover at all times during lifting and lowering.

Caution. Never work under a suspended cover.

NOTE

Should the main chassis structure become damaged or require repair it is strongly recommended that the unit be returned to Ashleigh Engineering Services Limited for maintenance and retesting.