

Ashleigh Engineering Services Limited

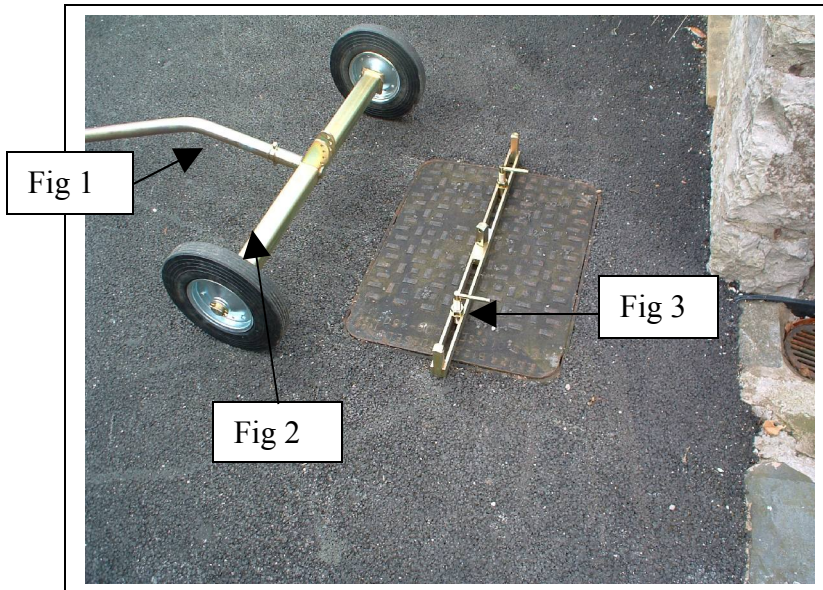
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Midi Lifter

NOTE: Prior to using the Midi Lifter please ensure that all parts are present and in a serviceable condition.



Midi Lifter Assembly

The unit is normally supplied dismantled for transportation / storage in 3 manageable components:-

1. Handle
2. Front axle assembly complete with quick release wheels
3. Spreader bar and keys

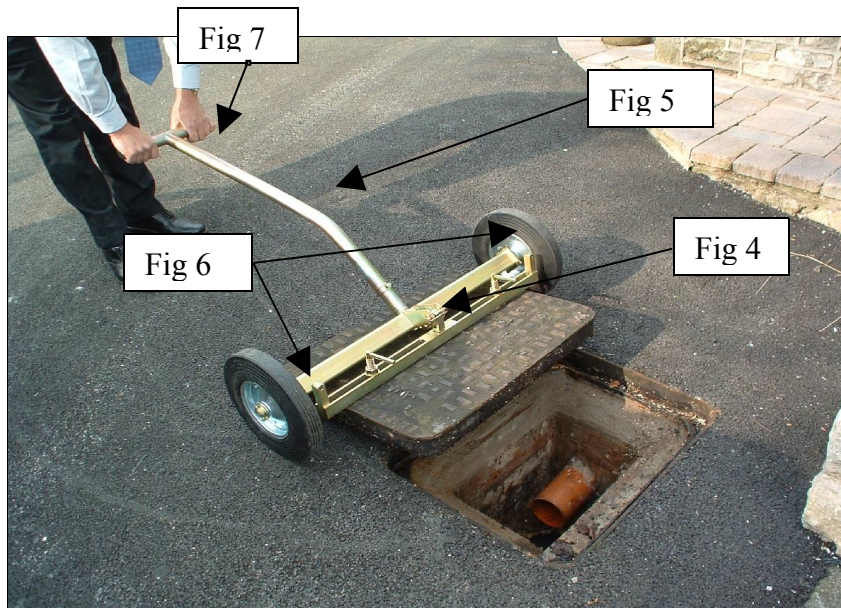
Assemble the Midi Lifter as follows:-

- Connect the handle to the front axle securing with the quick release pin (Fig 1).
- Slide the wheels onto the axle securing with the quick release pins (Fig 2).

Dismantling

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

Midi Lifter Use



Step 1

- To use the spreader bar, 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 keys correctly located lock the spreader bar in position by tightening the key locking nuts. (Fig 3)

Step 2

- Position the assembled **Midi Lifter** over the centre of the spreader bar.
- Attach the spreader bar to the centre of the axle securing with the quick release pin as shown in the diagram. (Fig 4)
- Depress the handle to lift the cover clear of it's frame. (Fig 7)
- Pull the cover towards you.
- The handle may be turned through 180 degrees to suit the operator. (Fig 5)
- Reverse the procedure to replace the cover.

For covers that are stuck in their frames attach the breakout tool to the lifter and hook under each end of the spreader bar in turn. This will increase the breakout force and allow the cover to be freed from its frame. It is advisable to re-check the tightness of the key locking nuts at this point.

Midi High Lifter with Universal spreader bar



Assembly and use

The assembly and use of the **midi high lifter** is the same as the **midi lifter** described above. The only difference is that it will lift deeper covers and is designed to be used in conjunction with longer spreader bars.

Safety

When using the **midi lifter** or the **midi high lifter** we recommend that a **safe working zone** is provided using suitable barriers to ensure safety for the operator and the public when applicable.

WARNING

Caution. Do not release the handle with the cover suspended as this can cause injury.

Caution. Do not allow anyone to stand in front of the unit when in operation.

Caution. Do not work under a suspended cover.

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

NOTE: Should the unit become damaged or require repair it is strongly recommended that it be returned to Ashleigh Engineering Services Limited.