IMPORTANT SAFETY INSTRUCTIONS

Please read and understand them before using the hoist!

Patent Pending

STUDBITE® HOIST

This information contained in these instructions and the document "10 Easy Steps to hang a cassette-type A/C unit" shall be:

- Passed on by Distributors and Hire companies to the purchaser or hirer.
- Used as the basis for training of personnel who will be using this equipment.
- Made available to the persons who use STUDBITE® Indoor Split Hoist Units for the installation and removal of cassette type air conditioning units, to ensure safety of the user and others in the vicinity.

About this Equipment

This equipment has been specifically designed for the installation and the removal of cassette type, ceiling mounted air conditioning units and must not ever be used for any other lifting operation or lifting purpose. Furthermore, the hoist unit, rope assembly, shackle, or polyester sling set making up this assembly must never be dismantled and used separately for other lifting purposes.

Using the STUDBITE® Indoor Split Hoist Unit

Before using this equipment ensure as far as is reasonably practicable, that:

- A suitable platform is erected prior to commencement of work to ensure the installation personnel can work from a safe position.
- The area is clear of personnel, equipment or other objects which could impede the installation / removal process.
- An exclusion area is established to prevent others not involved in the installation / removal process, from entering the area of work.
- Nobody is allowed to walk under the load during the entire lifting / lowering process or when the load is suspended.
- Tools and other equipment used for the installation / removal process are suitable tethered to prevent dropped object hazards.
- Suitable PPE must always be used when using this equipment, including, but is not limited to head, eye, foot, and hand protection.

Inspection before use

The STUDBITE® Indoor Split Hoist Unit should be visually inspected before each time it is used to ensure that the:

- Hoist rope is free from obvious defects such as fraying, wear, twisting or knotting.
- Rubberised inserts fitted within the clamp should be checked for any signs of damage each time they are fitted to a threaded bar.
- Shackle pin is free from obvious defects such as nicks, cuts, gouges, rusting, and that the pin engages smoothly and comfortably within the shackle body.
- Webbing sling assembly is free from obvious defects such as fraying, tearing, cuts on the edges, or plucking of the threads. Particular attention should be paid to inspecting the surface areas of the webbing that have been in contact with the edges of the air conditioning units for any signs of undue wear, plucking, cuts, etc.

If during pre-use inspection, any defects are discovered, or if there are any doubts about the safety or security of the STUDBITE® Indoor Split Hoist Unit, this should be referred to a competent person for thorough visual examination.

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Preparing to lift or lower a cassette type air conditioning unit

Install the STUDBITE® Indoor Split Hoist Unit in accordance with the document "10 Easy Steps to hang a cassette-type A/C unit". Before commencing the lifting or lowering operation ensure that:

- The clamp screw must only be tightened by hand as over-tightening of the screw could be detrimental to the safe operation of the clamp.
- After fitting to the threaded bar, before commencing any lifting operation, that a spirit level (or similar device) is used on the top beam to check that the unit is predominantly level.
- The shackle pin is correctly fitted through the eye of the rope assembly and the shackle body is attached through the metal lifting ring sewn into the flat polyester webbing sling assembly (the shackle pin should always remain uppermost in relation to the load being lifted or lowered).
- The webbing sling assembly is tightly secured around the air conditioning unit prior to commencing the lifting operation to prevent any movement during lifting or lowering.
- Ensure the exclusion zone is free from persons not taking part in the lifting or lowering process.
- That tools to be used as part of the process are securely tethered to prevent dropped object hazards.

Additional Note Related to Lifting and Lowering Operations

Red coloured markers have been placed at the extreme limits of the lowering and lifting positions as indicated in the document "10 Easy Steps to hang a cassette-type A/C unit". These limit markers will appear at the mid-point between the pulley sheave and the winch mechanism when the hoist is approaching its maximum limits for winding off / or onto, the winch drum. It is vital for safe operation of this unit not to wind / off-wind the rope assembly beyond these limit markers.

Maintenance and Servicing

The component parts of the STUDBITE® Indoor Split Hoist Unit should be regularly serviced in accordance with the manufacturer's instructions, to ensure the equipment remains in a safe working condition.

Replacement rope assemblies, shackles, and flat polyester webbing sling assemblies for the STUDBITE® Indoor Split Hoist Unit are available directly from Terlok Limited.

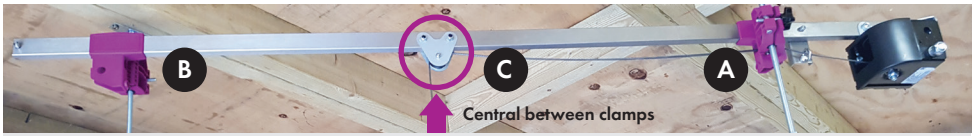
Please note that rope assemblies used in the STUDBITE® Indoor Split Hoist Unit must only be replaced by Terlok Limited appointed Service Centres whose personnel are suitably trained and qualified to perform this process.

Periodic Inspection

STUDBITE® Indoor Split Hoist Units must be subjected to a periodic thorough examination by a competent person, at least once every 6-month period.

A current Report of Thorough Examination must always be made available to users of the STUDBITE® Indoor Split Hoist Unit.

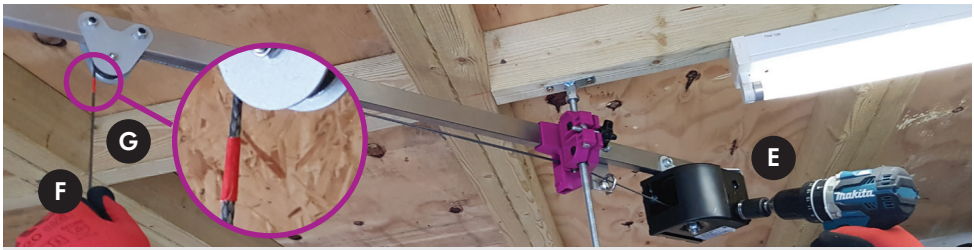
10 EASY STEPS TO HANG A CASSETTE-TYPE A/C UNIT SAFER, EASIER AND MORE EFFICIENTLY:



1 Attach the STUDBITE® Hoist to 2 'diagonal' STUD (Threaded-Rod) supports, starting with the clamp closest to the hoist-gearbox **(A)**.

2 Attach the 2nd hoist clamp **(B)** and then pull-down on each clamp to ensure its clamped correctly with no slippage.

3 With hoist attached, make sure the rope-pulley **(C)** is positioned centrally between both STUDBITE® clamps.

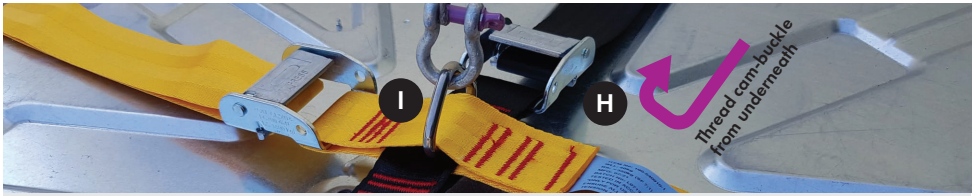


4 Using your cordless drill in reverse **(E)**, unwind enough rope until the lifting strap assembly is positioned centrally on top of A/C Unit.

4.1) If lifting straps are not attached, use your hand to keep the rope under **constant tension (F)** when unwinding rope.

4.2) If the RED marker **(G)** on the rope appears below the rope-pulley, this indicates you've reached your maximum 4m lift and MUST NOT unwind any more rope!

IMPORTANT: INSPECT ROPE BEFORE EACH LIFT AND REPLACE IF DAMAGED.



5 Using both straps, strap the unit securely in both directions.

5.1) Make sure you thread the free end of the strap into the cam-buckle from **underneath**, so the end you pull is on top **(H)**.

5.2) Make sure the triangular lifting-hook **(I)** is positioned centrally above the A/C unit before lifting.

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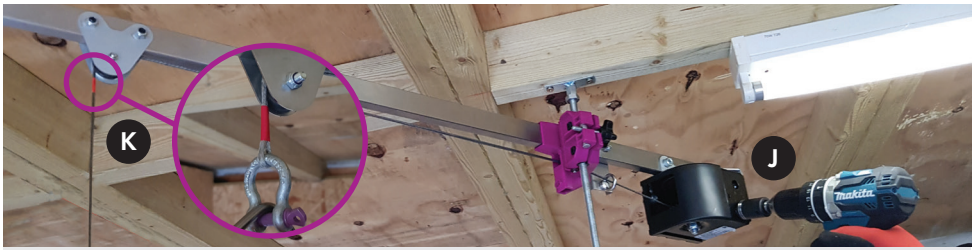
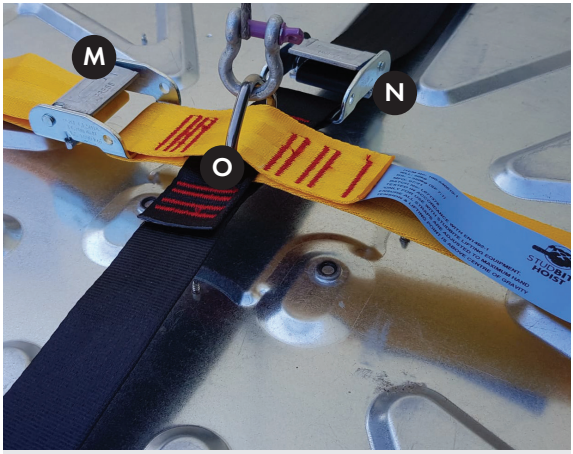


6 Using a cordless drill on speed/gear 1 **(J)**, steadily hoist the A/C unit into position.
Stop the cordless hoist before the RED marker **(K)** touches the pulley sheave!

7 Attach the A/C unit to the 4 x Stud Supports **(L)**.



8 Release both straps **(M & N)**, keeping lifting hook attached to the rope **(O)**.

9 Release both STUDBITE® Hoist Clamps,
starting with clamp that is furthest away from hoist-gearbox **(B)**.

10 Lastly, release the clamp nearest the hoist gear-box **(A)** and remove hoist.

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Use responsibly & at your own risk.
Check & replace worn or damaged parts before use.