



INSTRUCTIONS - LMS050

INSTALLATION, OPERATION and MAINTENANCE INSTRUCTIONS FOR INFLOOR BRACKET SYSTEM

PART NO: LMS050

CAUTION: If working at heights always ensure area below is clear of personnel and carry out all site safety requirements before commencing installation.

NOTE: LMS050 Brackets are manufactured to suit individual site mounting requirements and installed equipment requirements. Following instructions are representative of a standard installation

INSTALLATION:

1. Ensure a suitable Stainless Steel lubricating compound (eg LOCTITE LB8009 Heavy Duty Anti Seize) is used on ALL stainless steel fixings where applicable prior to tightening.
2. Measure up cut out size for 050 frame (**XX**) allowing for any protruding parts. Check for any under floor beams that may be in the way of the lower safety grill (**XXX**).

Note:

i) Manufacturer's recommendation or engineering details should be sought for both grid mesh & chequer plate flooring so as structural integrity of flooring is maintained after bracket is installed. If installing into grid mesh repairs will be required on the cut edges (this is a guide only).

ii) If cut out required is not square, check equipment can be installed & point the required direction on the bracket with relation to the cut out.

3. Before installation into cut out check that all split pins etc are installed in all moving shafts.
4. Ensure hold down bolts for the frame are installed. *NeverSeize* or suitable lubricant should be applied.
5. Ensure enough looped cable is left at hinge point for safe raising of the lid & fitting.

Note: Light Mounting Systems Australia accepts no responsibility or liability if modifications are made to the equipment originally supplied or if supplied equipment is used in conjunction with materials or equipment that have not been tested as part of Light Mounting Systems Australia's engineering & certification processes for the equipment supplied. The adequacy of the handrail, mounting points and or support structure should be verified by an approved site engineer. Light Mounting Systems Australia will accept no responsibility for failure due to the inadequacy of the handrail, mounting points and or support structure to which Light Mounting Systems Australia equipment is mounted.

OPERATION: Sample Operation Video available <https://www.lightmountingsystems.com.au>

Raising

1. Ensure area is clear of personnel and that any debris is removed from chequer plate as there is a possibility of it dropping through the opening on raising. Install 'T' handle (**T**) into T Handle cut out section of chequer plate & turn to release locking pin mechanism and raise.
2. Lay the door back, safety grill frame will rise up & lock into position to cover the opening. **Ensure holding clips (X) engage under lip (XXX) of safety grill frame. Lock clips (X) into position if required.**

Lowering

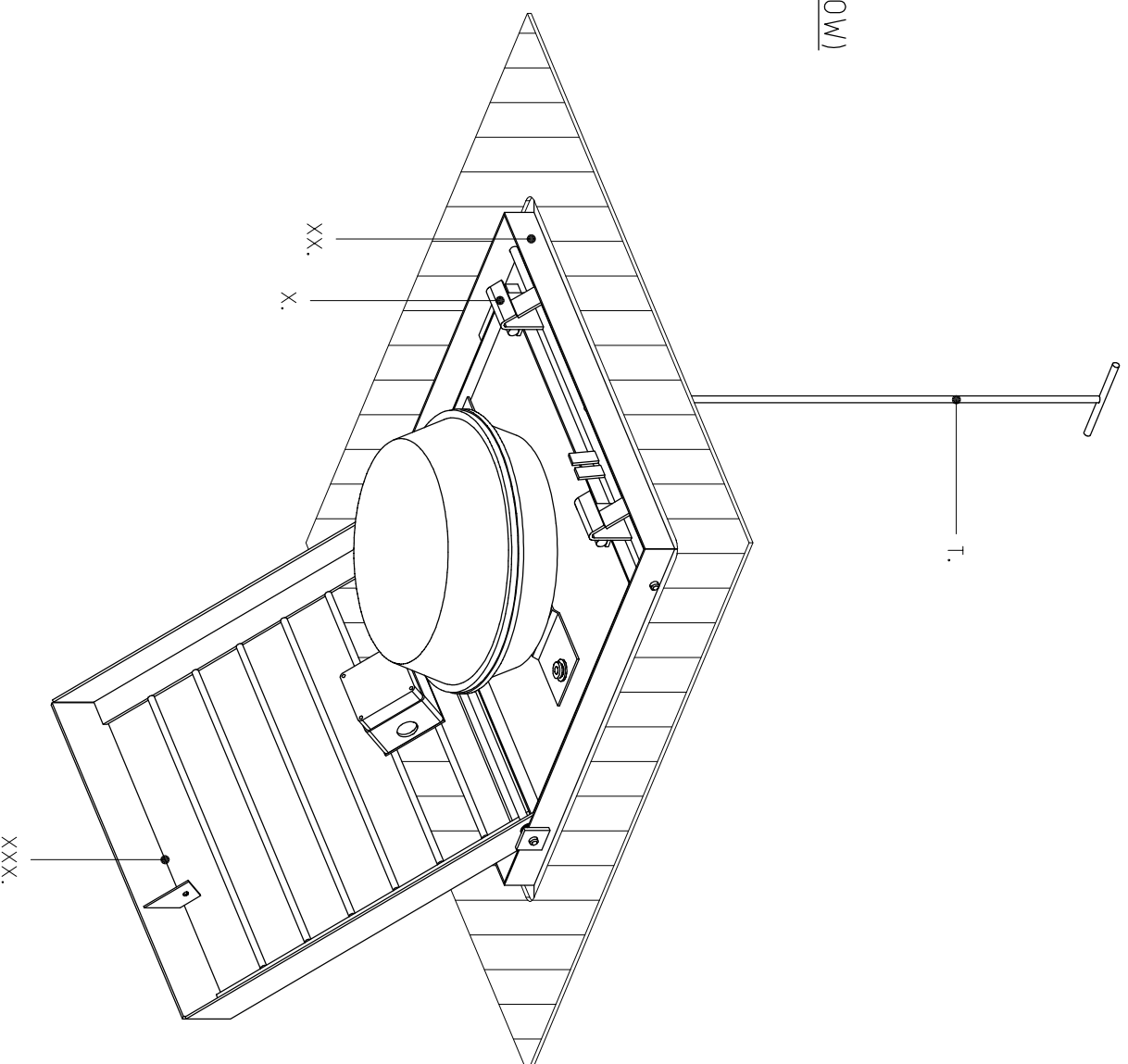
1. Using the "T" handle pull back clips (**X**) from under safety bar frame edge (**XXX**) to release safety frame and allow movement. Gently hand raise chequer plate to a height where it is possible to install "T" (**T**) handle into T handle cutout.
2. Turn T handle so locking pin not to come into contact with frame when lowered and gently lower light back to normal operating position, **do not drop**. When in final position turn t handle to engage locking pin & remove handle.

MAINTENANCE:

As a minimum, check all fixing bolts and split pins of frame and light during servicing of the fitting.

PLEASE REFER TO BACK FOR GENERAL ARRANGEMENT

ISOMETRIC VIEW
(LOOKING FROM BELOW)



LMS050 bracket shown is for illustrative purposes only.

LMS050 Brackets are manufactured to suit individual site mounting & equipment installation requirements. Parts have been labelled to be read in conjunction with Installation, Operation & Maintenance instructions on the reverse of this page. Dimensions and design of the bracket shown are for illustrative purposes only.

