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D WHEEL ASSEMBLY INSTRUCTIONS

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NOTICE

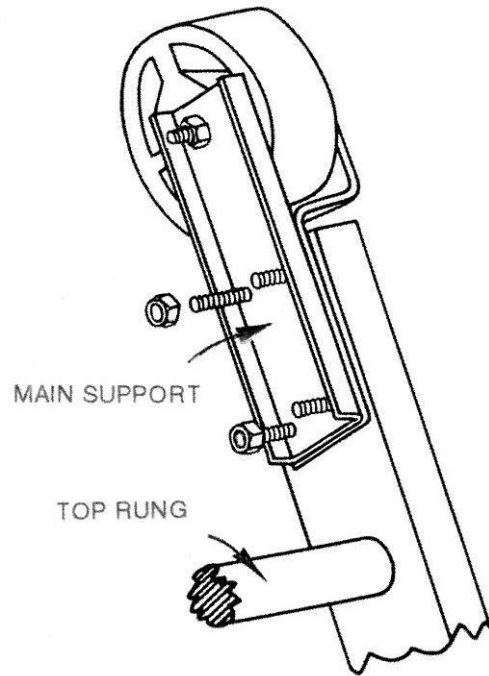
PLEASE READ THE SAFETY GUIDELINES IN CONJUNCTION
WITH THE PRODUCT INSTRUCTIONS

D WHEEL ASSEMBLY INSTRUCTIONS

“D” Wheels are more slip resistant than buffers or conventional wheels but do not accidentally roll downwards when someone is working near the top.

Read the following carefully before proceeding.

1. **KIT** comprises – 2 Main Supports (1 left and 1 right hand)
2 “D” Wheels, axles and locking nuts
8 bolts and locking nuts
2. **STILES** which are flimsy or are split, corroded, decayed, damaged or otherwise defective in any way must **not** be used. If in doubt contact the ladder manufacturer.
3. **COMPETENCE** Fitting must be carried out with care by a competent person.
4. **POSITIONING.** Close the ladder completely and provisionally locate left and right hand Main Supports against the **inwardly** facing surface at the top of their respective stiles. Each wheel should project **outwardly** over the top of its’ respective stile so that it
 - 4.1 is high enough not to interfere with top or bottom stiles – if necessary remove or notch out the end stops at the top of the ladder sections.
 - 4.2 allows the ladder top to roll freely up and down the wall.
 - 4.3 is positioned identically to the other.
5. **MARK** carefully 6mm bolt holes centres and check paragraphs 6 & 7 below relocating Main Supports if necessary.
6. **ALUMINIUM BOX SECTION STILES.** If preferred drill larger holes in the outer surface of the stile so the bolt heads pass right through and tighten against the inner surface only. You can pack inside stiles providing packing is either wood (do not contaminate aluminium with wood preservative) or aluminium. Do not use steel or other metals.
7. **WOODEN STILES** should be counter bored on the outer surface. Always use washers. Do not locate the edge of holes any closer than 10mm to the edge of a stile. Do not contaminate aluminium components with wood preservative.
8. **DOUBLE CHECK** positions and drill sites.
9. **ASSEMBLE.** Pass bolts through outer surface on stiles and then through Main Supports. Tighten locking nuts just enough for a firm connection. Do not overtighten.
10. **IN USE.** Inspect for signs of damage, check that nuts and bolts are secure. Make sure that the tyres are not swollen or loose.



SAFETY GUIDELINES

THE WORK AT HEIGHT REGULATIONS 2005 should be observed at all times

SECURE ladders at the top with the appropriate Ladderfix model or by tying.

CAUTION. Ladderfix products are convenient and safe providing that they and your ladder are in good condition and they are used in accordance with safe codes of practice.

FURTHER USEFUL PRECAUTIONS

WINDS. Avoid using ladders if winds are more severe than a light breeze and be prepared for sudden gusts.

CARRYING LADDERS. Keep the ladder clear of the ground and obstructions, hesitate at steps, doorways and corners, and look in all directions before changing direction.

LOCATION. Do not erect ladder at doorways without taking particular precautions – ESPECIALLY FIRE EXITS. Make sure that ladder can be seen and avoided by

pedestrians and vehicles. Corners are particularly risky. Do not forget about blind people and children.

P-ENDING. Close the ladder as much as possible. Check for overhead cables, clothes lines, trees and other overhead obstructions, then check that the ground is reasonably clear. Because you may have repositioned the ladder, do the same when bringing the ladder down. Place bottom end against wall or kerb, lift the top end and walk forward holding the middle of each rung in turn, keeping the arms stretched up high. When the top of the ladder is at rest, bring the bottom outwards.

STABLE BASE. Do not erect on a box or a free standing tower.

LADDER ANGLE. Incline ladder at 1 in 4, i.e. 1 going 4 rising. Do not alter to compensate for poor site conditions.

OUTBUILDINGS AND SHALLOW ANGLES. Do not use ladder at a shallow angle to get to a window above an outbuilding, staking a ladder does not prevent ladder stress.

LADDER LEVEL. Both bottom stile ends MUST BE on a firm level surface and the rungs should be more or less horizontal. If the ground slopes sideways use Ladderfix Safety Base or Leveliser. Do not use loose packing.

SLIPPERY GROUND. At angles around 1 in 4, normal exterior level surfaces even when wet are not usually a problem, especially if rubber feet are used. BUT backward slopes, ice, oil, moss and polish are dangerous. Clean up all slippery material under and around not forgetting that you also might slip stepping on and off. Clean and inspect Ladder feet regularly

SOFT GROUND. When working on soft ground or flower beds, put down a stout board with a suitable slip resistant surface.

RUNGS AND FOOTWEAR. Make sure that they are free of slippery material. Footwear should have a proper arch to engage the rung. Soles should be substantial to avoid discomfort. Toes should be reinforced.

CLIMBING. Have at least one hand free to hold on. If you are climbing “one handed” hold the stile.

OVERLOADING. Do not exceed limits or allow more than one person on at a time.

HANDHOLD. Do not climb higher than 1 metre below the ladder top.

OVERREACHING. Do not allow both shoulders beyond one side of the ladder.

CAUTION. These SAFETY GUIDELINES are not an exhaustive list of precautions. They should not be taken as a substitute for any additional measures found necessary on site, nor do they guarantee that the use of a ladder is safe without regard to local conditions and are always subject to an employers risk assessment.