

The appliance of composite science to underground access covering

ThruBeam[®]

C O V E R S

Composite Covers and Frames Handling and Removal Instructions

How to handle composite covers and frames.

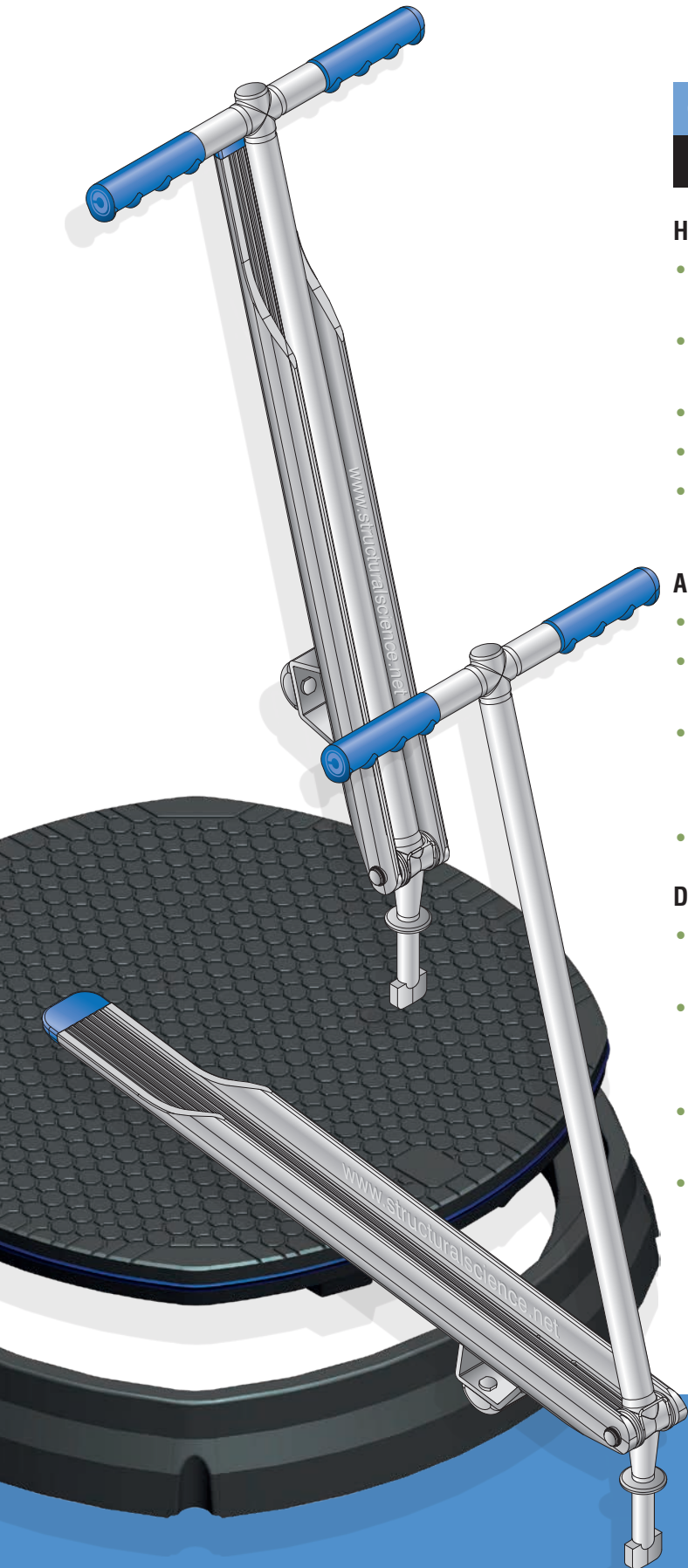
- Composite covers and frames have to be handled differently to metal or metal and concrete covers.
- Do NOT throw off the back of vehicles, they are light-weight they should be LIFTED and placed on the ground.
- Do NOT roll or drop covers or frames.
- Frames should be installed using our Installation Guide.
- Care should be taken to ALWAYS clean the seating face of the frame before the cover is inserted.

All covers for road use are supplied with a seal.

- Ensure that the seal is seated correctly around the cover.
- Make sure the seal is always cleaned before re-inserting the cover back into its frame.
- It is recommended that seals are checked on a regular basis (depending upon how many times the cover is lifted and re-seated).
- Seals can be replaced if required.

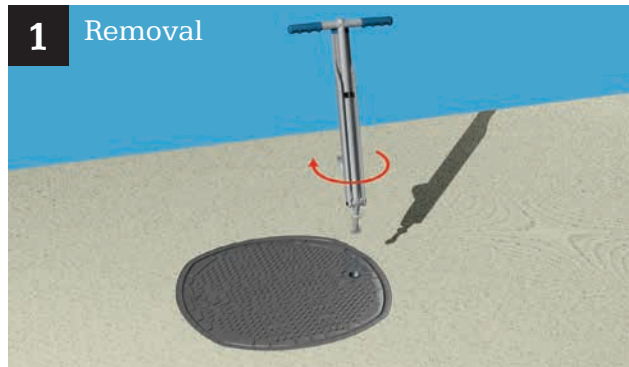
Dip cap insertion and removal.

- The dip cap can be removed from the cover by inserting the key and then lifting out.
- The O Ring seal should be checked for any deformation after removal and before insertion and cleaned before inserting back into the cover.
- Place the dip cap in the cover hole and stand on the dip cap to ensure complete insertion.
- If there is any damage to the O ring then this can be replaced.



Composite cover removal and replacement instructions

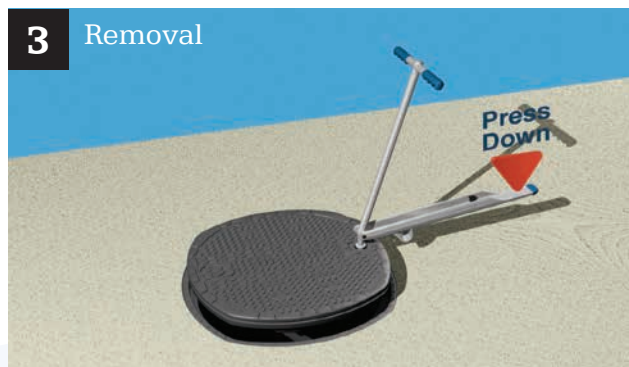
Only remove and replace the cover using our special ergonomic lifting tool with seal breaker. See below for procedure. Do not use any other form of levering device.



Insert the lifting tool into the lock aperture as shown above and turn the handle through 90° clockwise towards you.



With the handles now facing towards you the cover lock is now disengaged and ready to be removed from its frame.



Release the seal breaker from the lifting tool and press down on the foot pedal to release the cover from its frame.

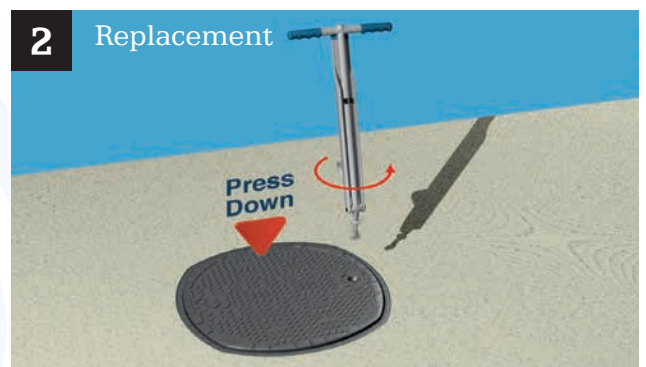


Fold back the seal breaker into the lifting tool. Lift the edge of the cover until free of frame. Pull the cover out of the frame.

Before re-inserting the cover back in its frame, ensure the seating face of the frame is clean and free of any debris or stones. Always clean the frame seal with a damp cloth and wipe the inside of the frame thoroughly.



Push back the cover into the frame with the aid of the lifting tool and your foot if necessary. Step down on the cover to re engage the seal.



Turn the lifting tool back through 90° anti-clockwise to engage lock and remove lifting tool.



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