COBRA DUCT RODS

COBRA DUCT RODDING SYSTEMS

Operating & Safety Instructions



General Safety

There is a risk of personal injury if the user does not follow all instructions laid down in this guide. This equipment should only be used by an able bodied, competent adult who has read and understood these instructions. The user is responsible to ensure that all necessary risk assessments have been completed prior to use of this equipment. This equipment should never be used if the user is feeling unwell, tired, or is under the influence of drugs and/or alcohol. The equipment should also be used within the safe systems of work provided by your organisation which may have additional measures other than those listed.

RECOMMENDED

- The recommended PPE for this equipment is goggles and gloves. There may be additional PPE required in your organisations safe system of work.
- This equipment should only be used by trained personnel.
- Inspect equipment before use to check for any damage. If you have any concerns do not use.
- When transporting on vehicles ensure units are secured well.

Product Resources

Setting Up for First Use



All Cobras are delivered with the end fitting inside the reel for transport. To use the rod must be setup to pass through the guide eye.

1. Unscrew the guide tip and remove from the end of the rod.
2. Release the parking brake of the frame and feed around 30cm (12 inches) of rod through the guide eye. Retighten the parking brake.
3. Reattach the guide tip. Your Cobra is now ready for use.







Using The Equipment

It is recommended that the equipment is setup on a firm level surface. Take the unit to a suitable access point. When operating the equipment ensure you are not operating near critical or live services that could negatively interact with the rodding operation.

When the equipment is likely to be used near a third party sufficient separation should be provided so that a third party cannot interfere with the equipment. Examples of this would include pavement safety barriers.







1. To use release the parking brake by rotating anti-clockwise until the reel can rotate freely in the frame. Ensure you keep control of the rod and retighten if necessary.
2. Feed the rod slowly into the conduit by hand, until the guide tip reaches the destination.
3. If, during the feed-in process a blockage or restriction is met then gently re-try by drawing the rod back a metre and reinserting. Using a stabbing action or forcing the rod could damage existing equipment in the channel. If this fails, try feeding the rod from the other end of the run. Once the rod is at a desired position, re-tighten the parking brake with clockwise rotation so the reel will not rotate in the frame.

WARNING - Never push the equipment beyond its design limits - if you cannot complete the task easily in a reasonable time period you may require different equipment.

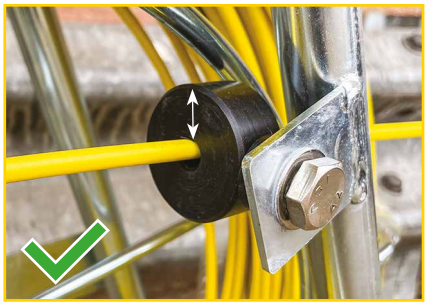
Wearing Parts

As part of your equipment check ensure the following wearing parts are in tolerance before use.

Guide Eye

The guide eye will wear at different rates depending on the environment it is used in e.g. wet sand will cause the guide eye to wear faster than dry ducts. You should ensure there is sufficient material in the wearing part of the guide eye to ensure the guide eye can function effectively.





The material should be at least 5-8mm thick.

Rod Condition

Check for thinning of the protective yellow covering and damage to fibreglass core.





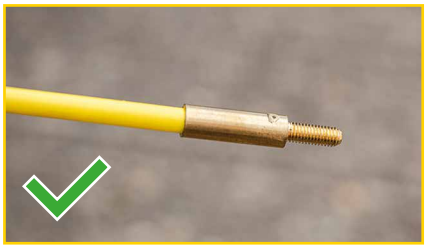
Note: Damaged sections of rod can be repaired using a repair splice, scan QR code link.



End Fitting

The end fitting should be complete and bonded securely to the end of the rod.





Guide Tip

Check the guide tip is secure and in place, and hasn't worn down too much so that it still has enough strength to pull cables / rope without breaking.



Spare Parts and Accessories

Ritelite supplies a wide range of spare parts and accessories for all Cobra Duct Rodding Systems including guide tips, end fittings, sonde adaptors, repair splice, frames and spare rods. To view the full range or get a quote please scan the QR code.



THIS MANUAL IS A GUIDE TO GENERAL USE OF THE COBRA DUCT RODS. THE INFORMATION SHOULD BE USED IN CONJUNCTION WITH THE RECOMMENDED SAFE SYSTEM OF WORK FOR ANY SPECIFIC JOB SITE.

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