



PORTX[®] RESCUE

ANNUAL INSPECTION

The following document is an officially created REID Lifting guide. It demonstrates the best practice and procedure for the following services:

- › Inspection of the PortX Rescue device and cable
- › Test procedure to ensure fully functioning mechanism

This service can be carried out by any competent operator.



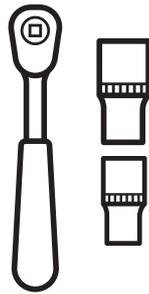
The following PPE Is required to carry out this procedure.:



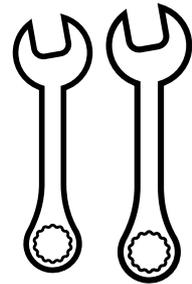
The following tools are required for this procedure:



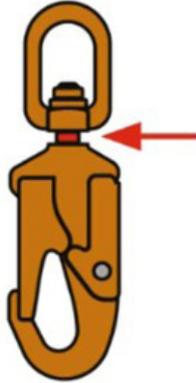
5mm Hex key



Ratchet handle with 12mm
and 13mm sockets



12mm and 13mm combination
spanner



1

Check the fall indicator on the snap hook. If the red band is visible, it indicates the unit has been subjected to a fall and must undergo a full service by a trained and REID Certified service provider.



2

Check that all safety decals and product markings are present, clearly legible, and display the necessary product information and identification.

Identification information can be found in the Assembly & Operations guide.



3

Inspect the housing for any cracks, distortion or other signs of physical damage, ensuring both sides of the housing are in good condition and free from defects.



4

Using a 5mm hex key, check that all the housing fixings are secure. There are 10 in total.



5

Use a 12mm spanner to verify that cap at the base of the handle is secure.



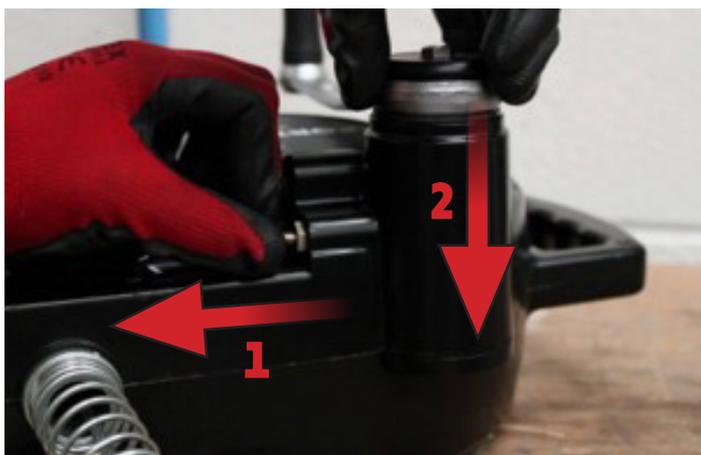
6

Ensure the fixing securing the PortX rescue to the mounting bracket are tight using a 13mm spanner or socket.



7

Check that the handle is free from damage or corrosion, making sure it releases from the stowed position and rotates.

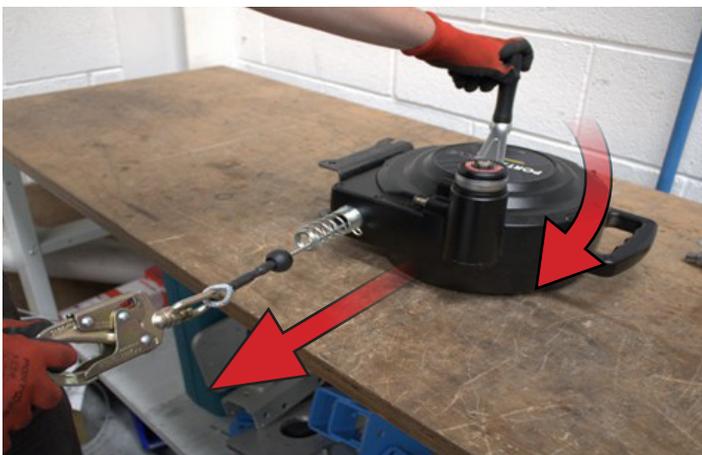


8

To test the function of the hand winch, start by pulling the release pin while pressing the retrieval mode switch located on the base of the handle.

9

Rotate the handle to operate the winch. Confirm that the cable extends and retracts smoothly, accompanied by an audible clicking sound during retraction. Once functionality is verified, disengage retrieval mode.



10

Inspect the top anchorage eye for signs of damage, making sure it rotates freely.



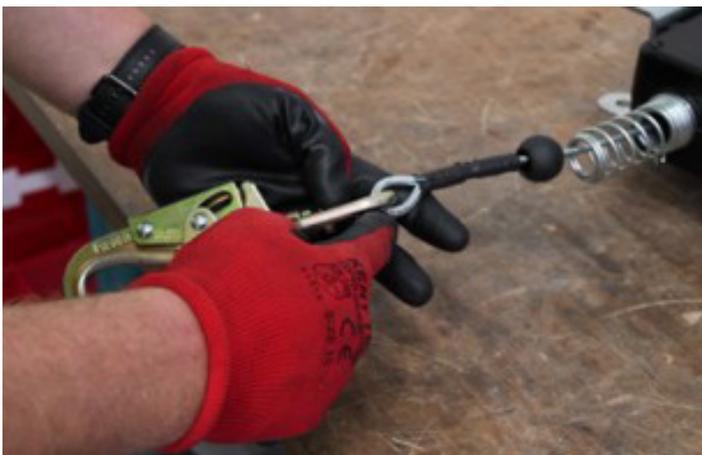
11

Ensure the safety latch on the snap hook opens and closes smoothly without obstruction. Inspect the snap hook is free from any damage, deformation, corrosion or wear.



12

Check the hard eye, termination sheave, termination, cable stop spring and ball for any damages and defects.





13

With the unit suspended from the top eye or securely held on a bench pull sharply on the snap hook to simulate a fall, confirming that the brake engages effectively.



14

We can now inspect the entire length of the cable by slowly pulling the cable from the housing. Inspect for corrosion, fraying, kinks or any other signs of damage.



15

Test the brake function approximately half way through the wire rope length by pulling sharply on the cable. Repeat at the end of the wire rope to ensure consistent braking performance.



16

Once the cable and brake inspection is complete, slowly allow the cable to retract, ensure it retracts smoothly and fully into the housing.



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