

Equipment Checklist

Tripod - Is the Tripod in Good working order?

You need to begin your inspection of the tripod by looking for the obvious initial signs of potential malfunction. These signs include:

Parts that are misaligned, broken, bent, worn, or damaged in any way. Fasteners that are loose or have missing components.

Signs of deterioration or corrosion of materials. Any other signs that pose a danger to the integrity of the tripod.

Engage the leglocks of the tripod and ensure that they are secure and working as intended.

Winch (Lifeline) - Is the Lifeline in Good working order?

After you set up your tripod, inspect the integrity of the lifeline by pulling it all the way out. Inspect the entire length of the line for signs of cuts, corrosion, broken strands, and other signs of damage. Test its retraction capabilities by pulling the line out several feet and allow it to retract back into its housing unit. When the line is retracting, maintain a light tension on the line itself.

If everything is in working order, the line should retract entirely into the housing compartment without issue.

If the line snags or does not retract entirely into the housing unit, then pull out the whole length of the line and allow it to retract under tension. If the line is still showing issues during retraction, then it is not fit for use. Inspect the retrieval mechanism and ensure that it is in working order. Make sure that all components do not have corrosion or are misaligned or malformed in any way.

Breaking Mechanism - Is the Breaking Mechanism in Good working order?

In order to engage the braking system of the tripod's lifeline, grab hold of the line above the load indicator. Applying a sharp downward force to the line should then activate the braking mechanism. Prevent the line from going down any further. Once the line is released, and force is no longer being applied, the brakes should disengage and retract as normal into the lifeline's housing. When the brakes are applied, there should be no slippage to the line at all. If the lifeline is still being pulled down after the brakes are engaged, then the mechanism is no longer safe or in working order.

Snap Hook - is the Snap Hook in Good working order?

Observe that the snap hook is operating freely, that it locks, and that it swivels properly and smoothly. Inspect the keeper of the snap hook for signs of deterioration and ensure that there are no bent, cracked, or distorted components.

Check the load indicator for any signs of activation. The load indicator is housed within the swivel of the snap hook. The eye of the swivel will expose a red area when it is subjected to a sufficient downward force.

Harness - Is the Safety Harness in Good working order?

Inspect the attachment point of the D-ring to ensure that it is secure and that it can pivot freely. Check the D-ring for any cracks, sharp edges, and distortions.

BUCKLES

Special care and extra attention must be given to the buckles, as any overlooked damage can result in breakages that will lead to worker injuries. Inspect for unusual damage or distortions to the buckling system. Inspect that the roller and tongue can move freely and that the tongue properly overlaps the buckle frame. Inspect the outer and center bars for any signs of distortion.

Air Monitor - Is the Air in Good working order?

When the GX-3R Pro completes its startup sequence, it is in Measuring Mode. In Measuring

Mode the GX-3R Pro continuously monitors the sampled atmosphere and displays the target gas concentrations. The GX-3R Pro is considered to be in Normal Operation if there are no alarm indications.