

- In addition to routine checks for each use, PPE should regularly undergo a detailed inspection by a competent person. Petzl recommends an inspection every 12 months and after any exceptional event in the life of the product.
  - PPE inspection should be conducted with the manufacturer's Instructions for Use.
- Download the Instructions at [PETZL.COM](https://www.petzl.com).

## PROFESSIONAL HARNESSSES



### 1. Known product history

Any PPE showing questionable degradation should be quarantined, pending a detailed inspection.

The user should:

- Provide precise information on the usage conditions.
- Report any exceptional event regarding their PPE.

(Examples: fall or fall arrest, use or storage at extreme temperatures, modification outside manufacturer's facilities).



### 2. Preliminary observations

Verify the presence and legibility of the serial number and the CE mark.

**Note:** the serial number code on our products is evolving. Two types of code will coexist. See below for details on each serial number code.

Code A:

00 000 AA 0000

Year of manufacture  
 Day of manufacture  
 Name of Inspector  
 Incrementation



Code B:

00 A 0000000 000

Year of manufacture  
 Month of manufacture  
 Batch number  
 Incrementation



Verify that the product lifespan has not been exceeded.

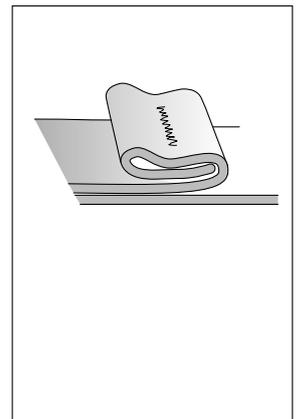
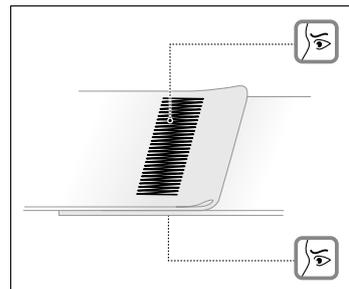
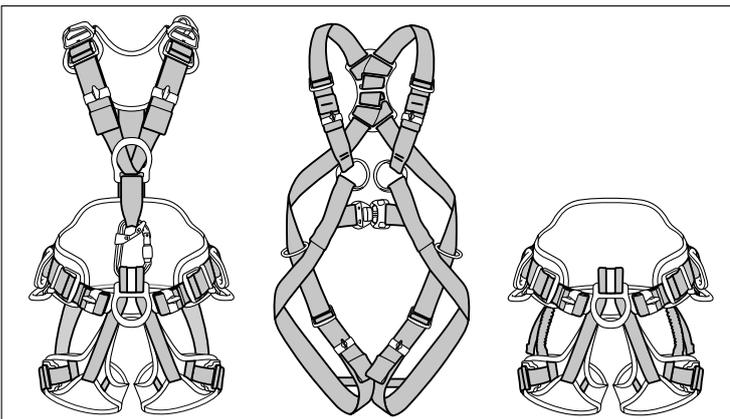
Compare with a new product to verify there are no modifications or missing parts.

### 3. Checking the condition of the straps

- Check for cuts, swelling, damage and wear due, for example, to use, to heat, and to contact with chemicals. Check the waistbelt straps, leg loops, leg loop/waistbelt linkage and shoulder straps, if present. Be sure to check the areas hidden by the buckles.

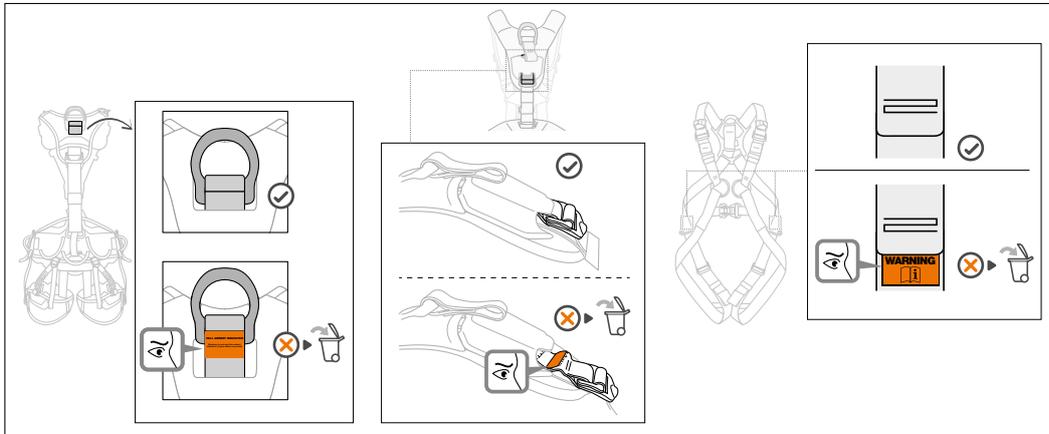
- Check the condition of the safety stitching on both sides. Look for any threads that are loose, worn, or cut. Safety stitching is identified by thread of a different color than that of the webbing.

- Verify that hems are present on the strap ends.

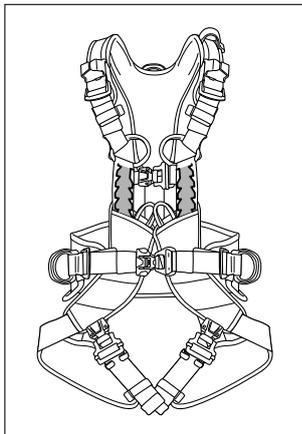


#### 4. Checking the fall arrest indicators

- On the international versions of the NAVAHO, NEWTON, AVAO, ASTRO, VOLT harnesses: check the dorsal fall arrest indicator.

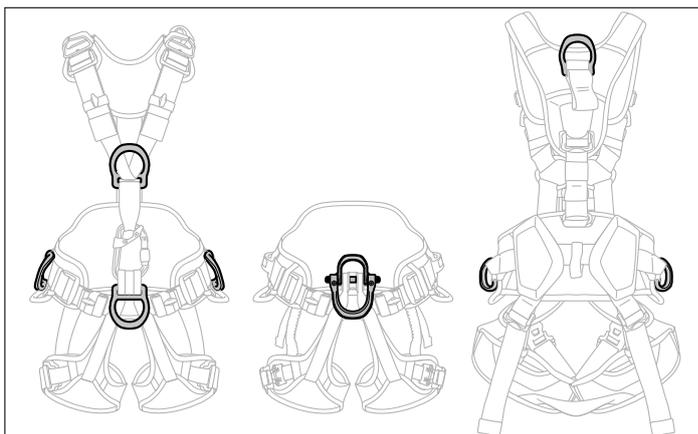


- On the European version of the VOLT harnesses: check the stitching on the LADDER CLIMB attachment-point strap.



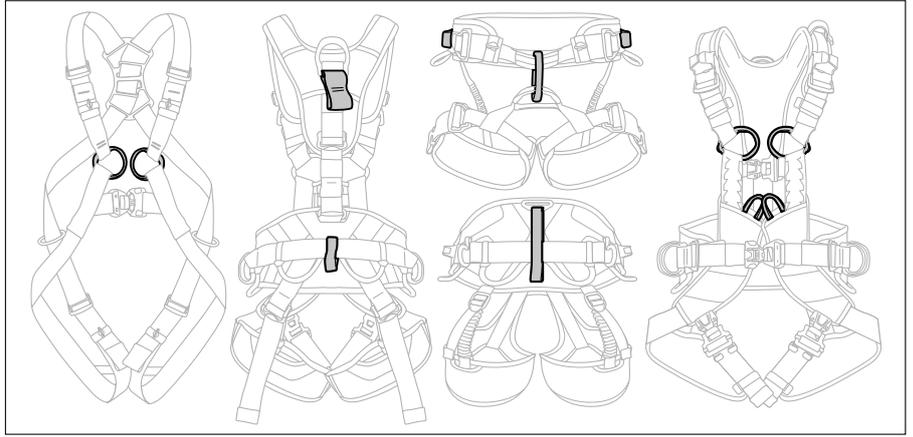
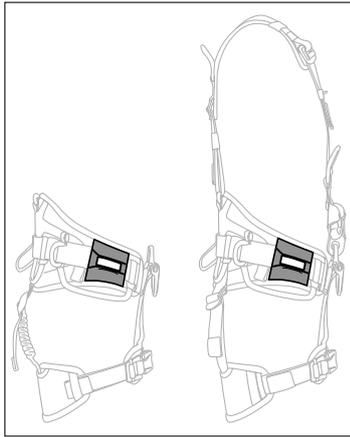
#### 5. Checking the attachment points

- Check the condition of the metal attachment points (absence of any deformation, cracks, marks, wear, corrosion).



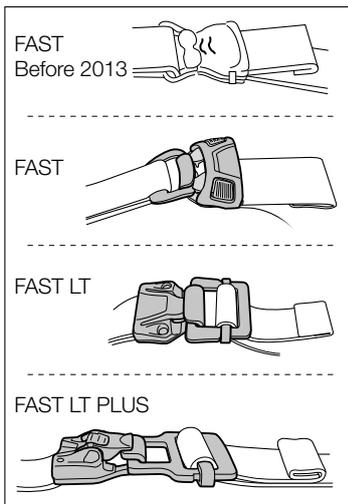
- Check the condition of the plastic attachment points (e.g. cuts, wear, tears).

- Check the condition of the textile attachment points (e.g. cuts, wear, tears).



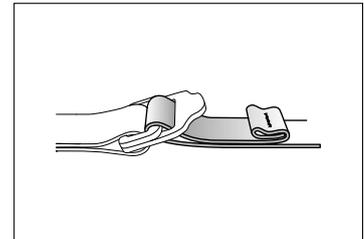
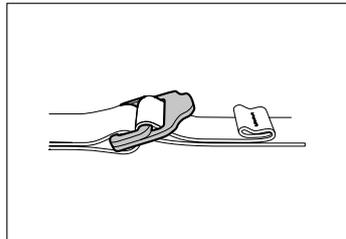
## 6. Checking the condition of the adjustment buckles

- Check the condition of the FAST adjustment buckles (absence of any deformation, cracks, marks, wear, corrosion).

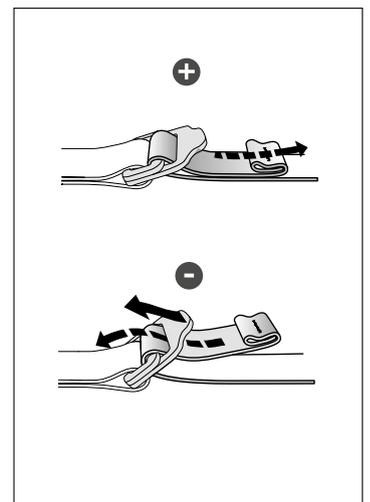
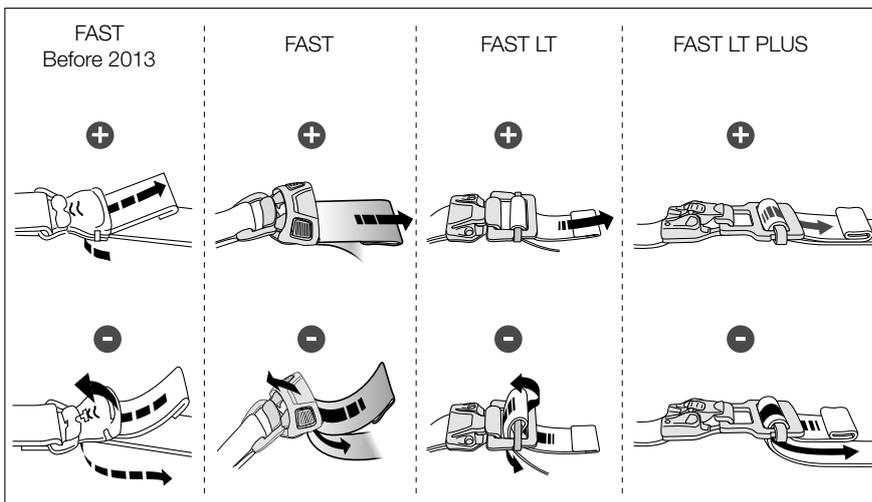


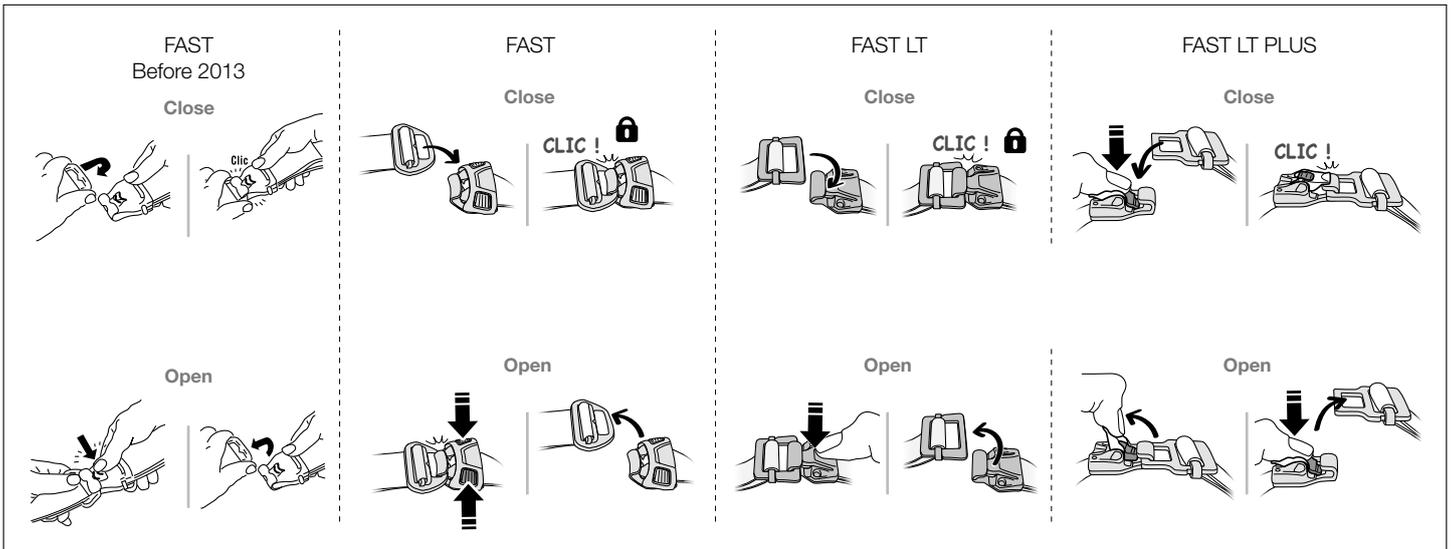
- Check the condition of the DOUBLEBACK adjustment buckles (absence of any deformation, cracks, marks, wear, corrosion).

- Check that the straps are correctly threaded, with no twists.



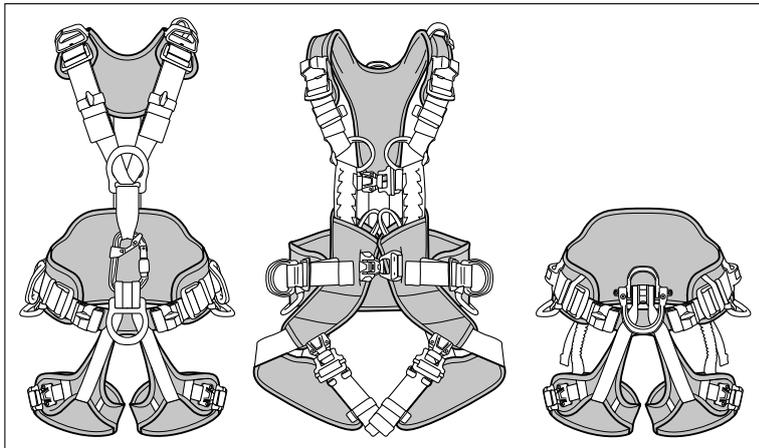
- Verify that the buckles operate properly.



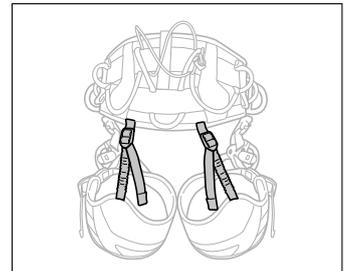


## 7. Checking the condition of the comfort parts

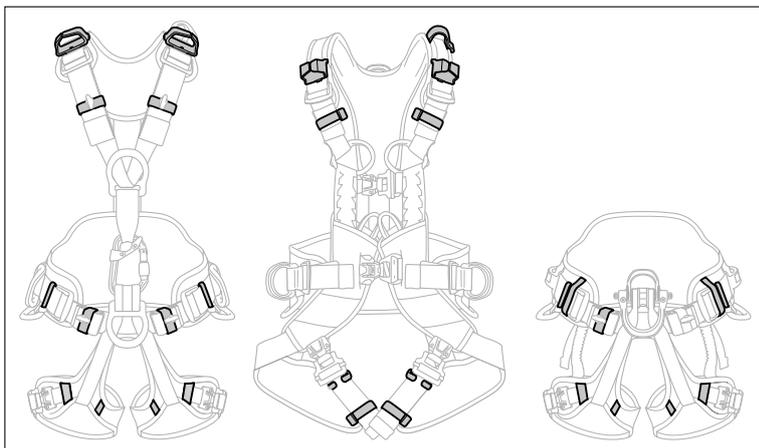
- Check the condition of the waist, leg and shoulder foams (e.g. cuts, wear, tears).



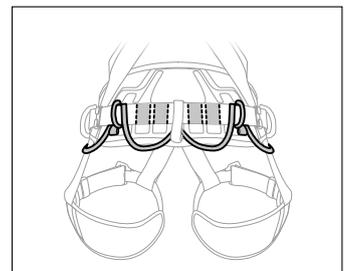
- Check the condition of the leg loop elastic bands (e.g. cuts, wear, tears).



- Check the condition of the elastic and/or plastic keepers (e.g. cuts, wear, tears).

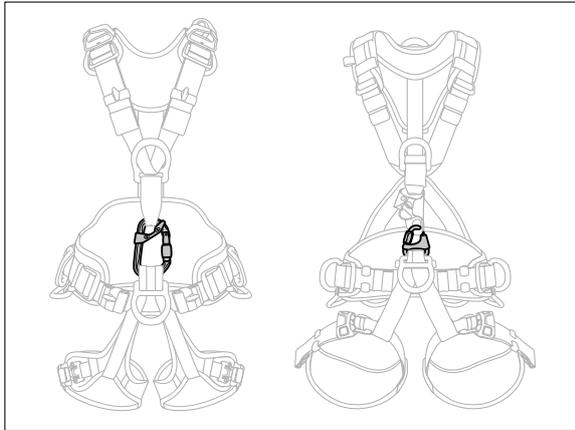


- Check the condition of the equipment loops (e.g. cuts, wear, tears).



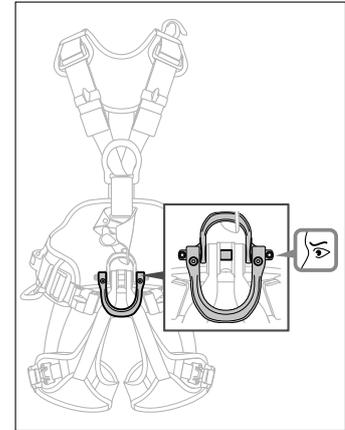
## 8. Checking the condition of the chest/sit harness connector (if any)

- For connector inspection, see the inspection form for your connector model at Petzl.com.



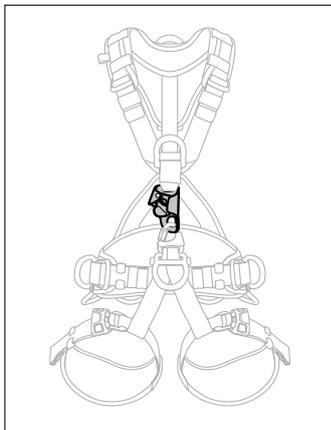
- If the harness features a chest/sit harness connector, make sure that it is present.
- Verify that the connector is the correct model and that it is correctly attached to the harness.

- Gated attachment point: verify that the screws on the gated attachment point are in place and properly tightened.



## 9. Checking the condition of the CROLL rope clamp (if any)

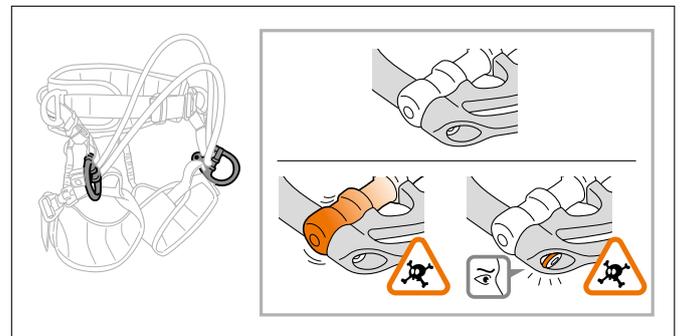
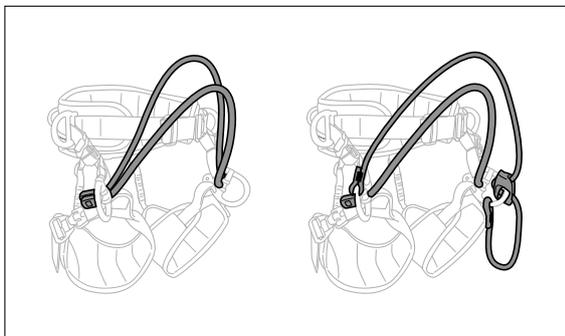
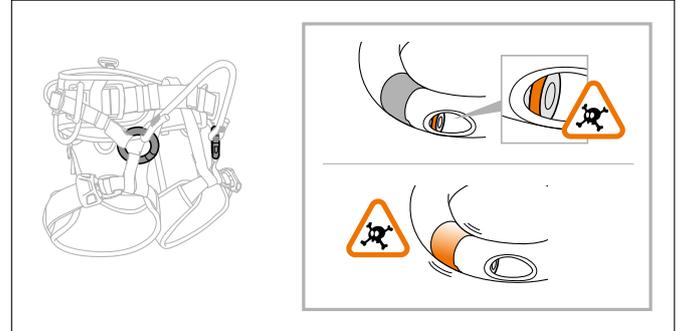
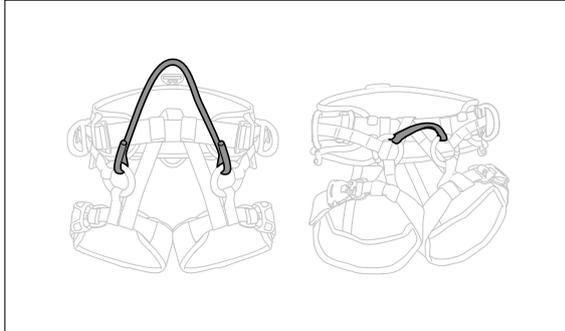
- For rope clamp inspection, see the inspection form for your rope clamp model at Petzl.com.



## 10. Special case for SEQUOIA/SEQUOIA SRT harnesses

- Check the condition of the textile attachment bridge (e.g. cuts, wear, tears). For attachment bridges made of rope: make sure the rope shows no signs of damage: e.g. cuts, burns, frayed strands, fuzzy areas, or signs of chemicals.

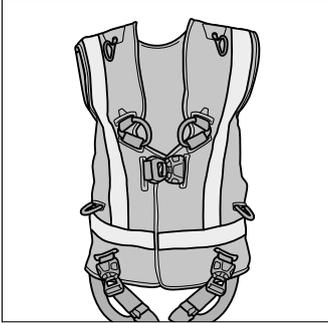
- Check the condition of the gated rings (absence of deformation, cracks, marks, wear, corrosion). Verify that the screw is in place and properly tightened.



		SEQUOIA V1	SEQUOIA V2	SEQUOIA V3 (2019)
<b>Mounting compatibility (certification not taken into account)</b>				
<b>Bridge v1 Strap</b>		✓	✓	✓
<b>Bridge v2 Rope with eye</b>		✗	✓	✓
<b>Bridge v3 (2019) With stop- per</b>		✗	✗	✓
<b>ADJUST bridge v2 and v3</b>		✗	✓	✓

## 11. Special case: NEWTON HI-VIZ

- On the HI-VIZ models, check the condition of the HI-VIZ vest and of the reflective bands (e.g. cuts, wear, fading).



## 12. Appendices: examples of worn harnesses that should be retired or repaired

- Onset of breakage of the waistbelt strap



- Cut equipment loop



- Cut load-adjustment strap



- Damaged protective fabric



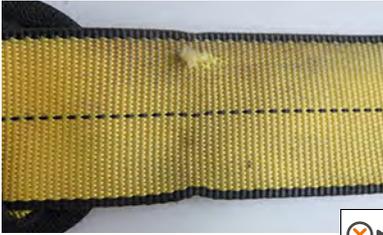
- Damaged protective fabric



• Reversed bar



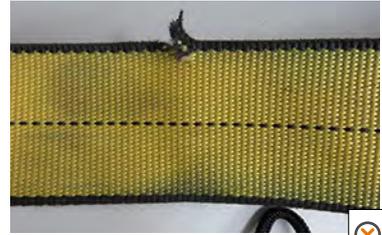
• Snagged webbing



• Marking on webbing



• Cut webbing



• Damaged webbing



• Damaged webbing



• Unstitched hem



• Damaged attachment point



• Fall indicator is visible



• Damaged safety stitching



• Damaged attachment point



• Damaged attachment point



• Damaged attachment point



• Worn out D-ring



• Broken buckle



• Corrosion



• Corrosion



• Traces of paint



• Buckle not working



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