



April 8, 2016

To Whom It May Concern,

RE; Use of DBI/SALA Nano-Lok SRL's in scissor lifts and bucket trucks.

DBI/SALA Nano-Lok SRL's are acceptable for fall protection while working in aerial work platforms provided criteria contained below is adhered to. Nano-Loks generally will not restrain users from platform ejection. If worker restraint within aerial platforms is necessary, correct length positioning lanyard should be used.

These guidelines must be followed when using Nano-Loks in aerial work platforms.

1. Aerial work platforms must have guardrail systems and closable gates around platform perimeters unless SRL's are anchored overhead. Suitably designed anchorages must be available for each SRL on all aerial platforms.

2. Swing fall hazards may exist, especially when working near corners, or out away from SRLs. Added fall clearance may be required, depending on specific swing fall hazard.

3. Nano-Loks incorporate external energy absorbers to reduce risk of damaging lifelines should a fall occur over guardrails. Use of SRL's with external shock packs is required.

4. Sharp edges can cut or damage SRL lifelines. Sharp edges must be avoided or covered over. Falls where lifelines may slide along sharp edges must be guarded against.

5. SRL lifeline exiting SRL housing must reach speeds in excess of 4.5 feet per second before SRL brakes engage to stop falls. If users fail to reach speeds of 4.5 feet per second, SRL's will not engage. This could occur when sliding down sloped surfaces. In such cases, SRL's may not be best fall protection product to use.

6. It is acceptable to connect Nano-Lok housings either to scissor lift anchorage points or to harness dorsal D-rings or dorsal webbing. Preferred method is to attach shock pack end to harness dorsal D-rings. It is also acceptable to anchor Nano-Loks to aerial lift floor anchors if aerial lifts have guard-rails or bucket that are 42 inches ( $\pm$  3 inches) tall. Since guard rail top rails act as anchor points rather than floor anchors, 3M allows Nano-Lok connection to floor anchor points.

7. All applicable user instruction manuals should be reviewed and followed.

8. Employee training should be conducted to help assure safe working environments.

Sincerely,

**Russ Martin** | Technical Support Specialist  
Personal Safety Division, Fall Protection Business



Fall Protection