

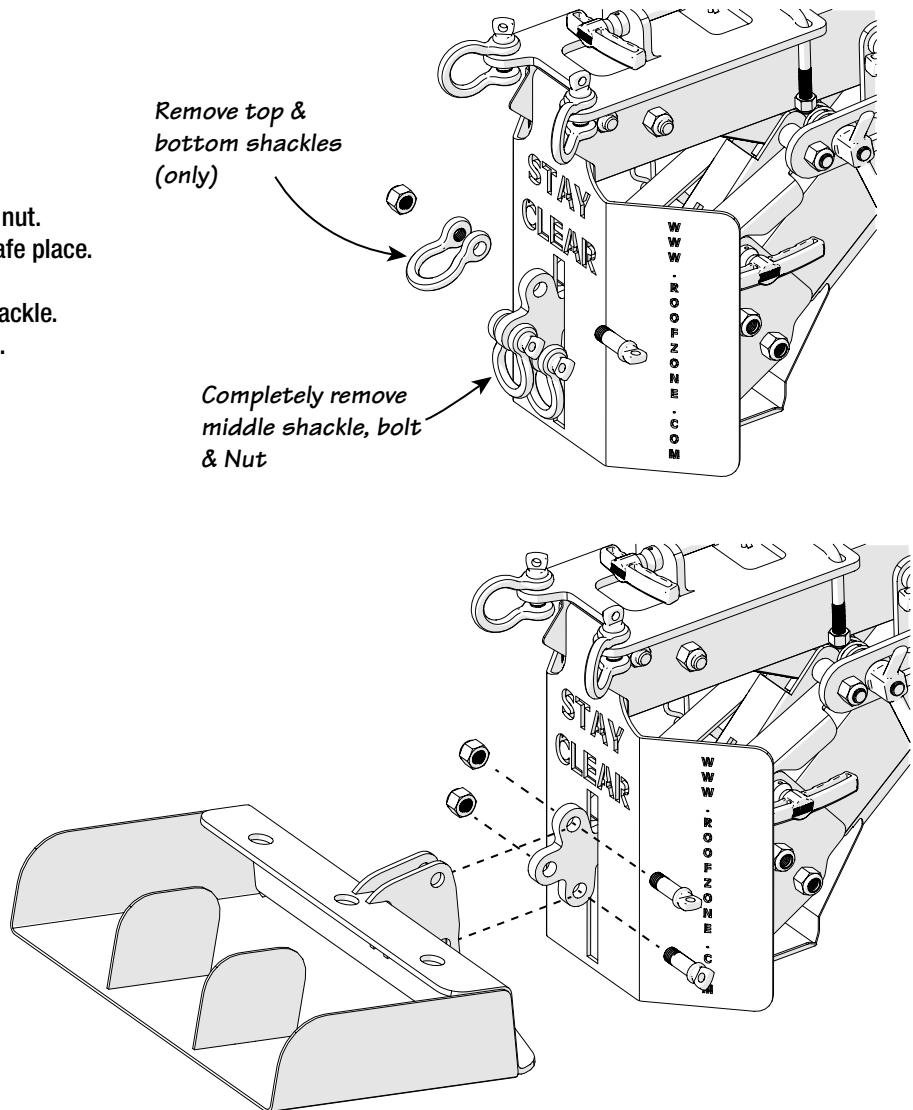
# Installation of Optional Equipment

## SRL Tray Installation

1. Remove the middle shackle, bolt and nut. Reassemble shackle and store in a safe place.
2. Loosen nut for the top and bottom shackle. Remove both top and bottom shackle. Store the shackles in a safe place.
3. Position the SRL tray so that the top mounting holes align.
4. Slide one shackle bolt through the SRL/Penetrator mounting holes. Repeat for the bottom bolt.
5. Screw the shackle nut to the shackle bolt and repeat for the bottom bolt. Tighten both nuts.

Remove top & bottom shackles (only)

Completely remove middle shackle, bolt & Nut



## SRL Operations

The use of Self-Retracting Lifelines (SRL s) for fall protection on flat roofs, leading edges, or similar applications where the SRL is not located overhead of the work area is acceptable under most circumstances provided special precautions are taken as described below.

1. The SRL should be positioned on its edge, rather than laid flat, to prevent uneven spooling of the lifeline and to benefit retraction.
2. Swing fall hazards may exist, especially when working near corners, or out away from the SRL. Added fall clearance distances may be required, depending on the swing fall hazard.
3. A separate in-line energy absorber must be installed between the end of the lifeline and the harness to reduce the arrest forces resulting from falling over an edge. This energy absorber is connected in-line between the harness dorsal d-ring and the SRL s snap hook.
4. Sharp edges which the lifeline may contact during a fall could cut or damage the SRL s lifeline. Sharp edges must be avoided or covered over. Falls where the lifeline may slide along a sharp edge must be guarded against.
5. The cable extension speed must reach a speed of approximately 4.5 feet per second, before the brake will engage and a fall stopped. If a person fails to reach a speed of approximately 4.5 feet per second, the SRL will not engage, such as in a sliding fall down a sloped surface.
6. All applicable user instruction manuals should be reviewed and followed.
7. Employee training should be conducted to help assure a safe working environment.