

**SafeLink Nelson/Rebar Assembly Installation**

Subject: Additional Fasteners for SafeLink Nelson/Rebar Assembly Installation

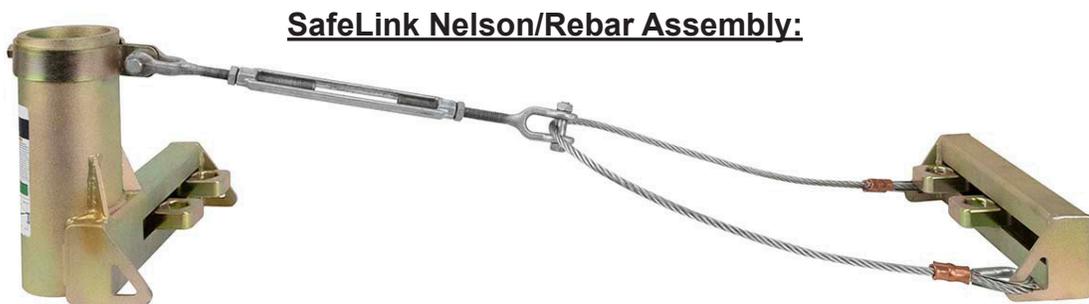
Related Products: 023-8087, 023-8092, 023-8093, 023-8094

Related Standards: OSHA 1926.502, 1910.66

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Revision: 1

The SafeLink Nelson/Rebar Assembly is a versatile base for bridge work that can accommodate a variety of mounting configurations including nelson (shear) stud, L-shaped, and straight rebar. The base serves as the anchoring system for the user and provides fall protection for personal fall arrest systems (PFAS). For example, the SafeLink Anchor Post (FS-EX5501-5) can be used in conjunction with the SafeLink Nelson/Rebar Collared Base (023-8093) to elevate a Horizontal Lifeline (HLL) for overhead attachment.



In some instances, the distance between two pre-installed rebar or nelson studs may not allow for the attachment of the SafeLink Nelson/Rebar Assembly (023-8087). If the permitted spacing of the rebar (2.5"-7.25" apart) is exceeded, Safewaze allows for the addition of a nelson stud, rebar, or screw into the installation location.

The following requirements must be met when adding a nelson stud, rebar or screw for SafeLink Nelson/Rebar Assembly attachment:

- Nelson Stud (steel application):
 - » The nelson stud must be made of mild or high-strength steel, have a shaft diameter of 0.5"-1.25", have a head diameter no greater than 1.25", and have a minimum 4" shaft length from the surface.

- Rebar (with an epoxy injection adhesive):
 - » The rebar must be Grade 40 or higher (#4 to #10 rebar), have a minimum embedment depth of 4" in 3,000 psi concrete (uncracked) or greater, have a minimum of 4" exposed above surface, and be adhered with Dewalt Pure 220+™ Epoxy Injection Adhesive (see picture on back) or equivalent.

**SafeLink Nelson/Rebar Assembly Installation Cont.****Dewalt Pure 220+™ Epoxy Injection Adhesive:****• Concrete Screw/Bolt:**

- » The screw or bolt must have a shaft diameter of 0.5"-1", a maximum head diameter of 1.25", a length of 8.75" minimum, a minimum embedment depth of 4.75", and a minimum of 4" exposure above the surface. Safewaze recommends the DeWalt® PFM1411880 concrete screw (pictured below) or equivalent.

Dewalt® PFM1411880 Concrete Screw:

For questions regarding the information in this Technical Bulletin, please contact Customer Service at (800) 230-0319.

Refer to the Safewaze manual provided with the product, or available online, for details on size/shapes of mounting options, proper use, and additional installation information.