

Ladder Investigations

The Consumer Product Safety Commission (CPSC) reports that annually over 100,000 people are treated in hospital emergency rooms, doctors' offices, and clinics as a result of falls from ladders. Most of the injuries are cuts, bruises and fractures; however, more than 300 fatalities occur annually from ladder related injuries.

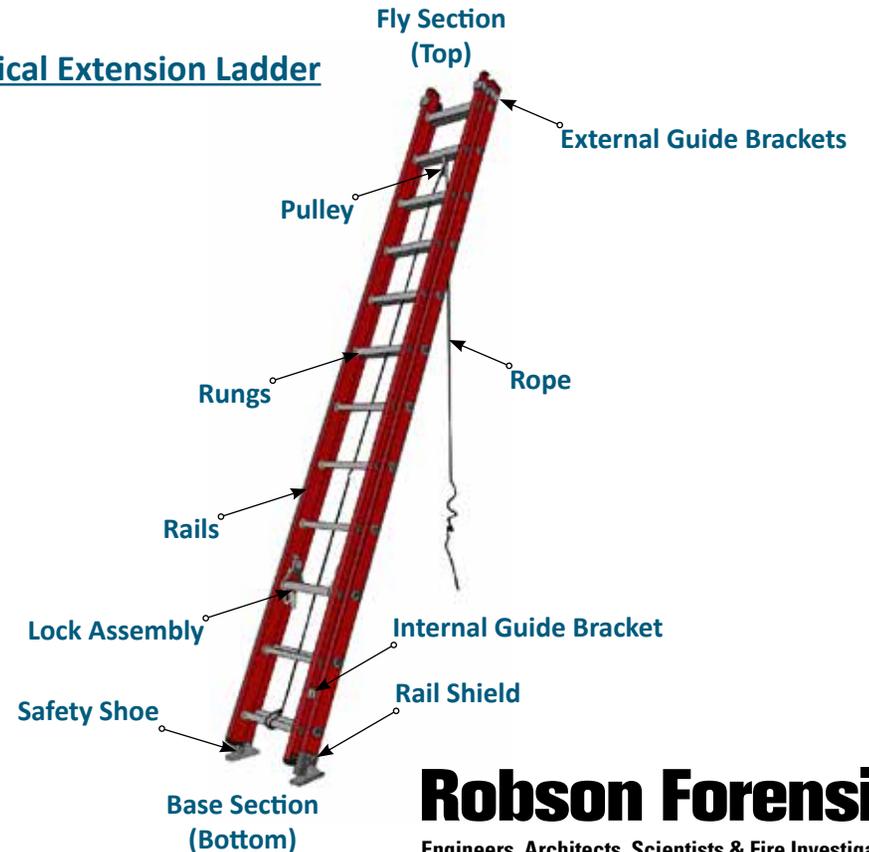
The experts at Robson Forensic have investigated over 500 incidents involving falls from ladders. The nature of each investigation varies depending on the details of the case, many cases involve an analysis into the appropriateness of a specific ladder for a particular task, other cases analyze the actions of the end user or site safety managers. We even have experts who specialize in design aspects of ladders, including construction, materials selection, and adequacy of warnings.

While nearly everyone has used a ladder, not everyone is familiar with the proper terminology to describe the components of a ladder; for this reason we have created the diagrams below. In addition to the step ladder and extension ladder shown below, we also regularly investigate cases involving metal disappearing stairways (attic ladder), fixed ladders, job-built ladders, ships ladders, step stools, articulating ladders, and library ladders.

Typical Stepladder



Typical Extension Ladder



Robson Forensic
Engineers, Architects, Scientists & Fire Investigators

Contact an Expert - Brent R. Leisenring, P.E. (bleisenring@robsonforensic.com)

Brent heads the Civil Engineering group at Robson Forensic and can help put you in touch with the expert whose qualifications best meet the demands of your case. The variety and depth of Brent's experience over the past 35 years is significant. He worked in the construction trades prior to pursuing his engineering degree. He has personal experience working on ladders and scaffolds, pounding nails and laying brick. He has also been responsible for construction site safety on multi-million dollar projects.