

# Maintenance Advisory

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## High Tension Cable Barrier Check Inspection Holes While Loosening Turnbuckles

It is important to remember that the cables in high tension cable barrier systems may be under thousands of pounds of tension. Therefore, anyone working with high tension cable barrier must have proper training and equipment. The following precaution must be taken when loosening a turnbuckle to help minimize potential injury.

Cable tension may be released by loosening turnbuckles. However, if the cable is under tension, the threaded terminals should always remain visible in the inspection holes located on the turnbuckle. Loosening the turnbuckle any further should not be attempted since it is possible for the threaded terminal to suddenly and unexpectedly pull out of the turnbuckle, thereby stripping the threads of the terminal and/or turnbuckle. Should this occur, maintenance personnel will have to replace the threaded terminal and/or turnbuckle, further delaying repairs and increasing the overall repair cost. But more importantly, maintenance personnel can be seriously injured if the terminal unexpectedly pulls out of the turnbuckle.

It is important to note that a terminal may be engaged deeper on one end of the turnbuckle compared to the other end. Therefore, always check both inspection holes while loosening a turnbuckle.



**NOTE:** Check both inspection holes while loosening turnbuckle.