



# Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

## JOB SAFETY ANALYSIS TOPIC:

Placing/Removing Pool Cover Springs



Title	Work Task	Hazards	Controls
Preplan the work	Gather proper tools (notched puller tool)	Improper tools	Use only designed puller tool to minimize potential injury
	Gather Proper PPE for the job and inspect it (Safety Toe Shoes)	Improper PPE inspection/selection	Ensure safety toe shoes are worn throughout work day
Before the job	Don necessary PPE	Improper Donning	Wear safety toe shoes for all work tasks

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Title	Work Task	Hazards	Controls
Replacing the Spring	Stand behind the spring, holding bolt, away from the general direction the spring can travel	Built up tension in springs	Ensure springs are adjusted properly before removing the cover for the year
	To place the spring back, put the spring on the notched tool	Struck by Hazards	Adjust springs during winter months to keep proper tension on them

	<p>Place the notched tool on the bolt, rotating the notch away from the body</p> <p>Use a foot to push the spring down onto the bolt and pull the notched tool off</p>		<p>Stand behind the bolt, away from the direction the spring can travel</p> <p>By standing behind the bolt it can mitigate potential struck by hazards from the spring coming off of the tool</p>
<b>Removing the Spring</b>	<p>Stand behind the spring, holding bolt, away from the general direction the spring can travel</p> <p>Place the notched pulling tool on the bolt, getting underneath the spring</p> <p>Slide the spring up the tool and pull the notched piece off of the bolt</p> <p>Release the tension on the spring and let the spring off the of the tool</p>	<p>Built up tension in springs</p> <p>Struck by Hazards</p>	<p>Ensure springs are adjusted properly before removing the cover for the year</p> <p>Adjust springs during winter months to keep proper tension on them</p> <p>Stand behind the bolt, away from the direction the spring can travel</p> <p>By standing behind the bolt it can mitigate potential struck by hazards from the spring coming off of the tool</p>
<b>Clean Up</b>	<p>Clean the site to ensure area stays clean and clear of hazards (bring out PPE and tools)</p> <p>Clean and store PPE properly</p>	<b>Improper PPE Storage</b>	<b>Keep PPE in cool, dry location</b>
<b>Training</b>	<p>Employees must have hands on training in the proper use of this piece of equipment.</p>	<p>Supervisor is to fill out and turn in the ‘Supervisor Led Training Form’ to UNC-CH Environment, Health and Safety for documentation of proper training</p>	

<b>Created By</b>	Doug Horner, Supervisor Cory Kirkland, Facilities Safety Officer	
<b>Referenced Material</b>	<a href="https://www.youtube.com/watch?v=2-m00BAk7NQ">https://www.youtube.com/watch?v=2-m00BAk7NQ</a> “How to Tighten a Loop Loc Safety Cover”	
<b>Contact Info</b>	<p>For more information about this JSA and other JSAs, contact:  <i>UNC-CH Department of Environment, Health and Safety</i>  1120 Estes Drive Extension, Chapel Hill NC 27599 CB# 1650  (919) 962-5507 ☎ <a href="https://ehs.unc.edu/">https://ehs.unc.edu/</a></p>	 