

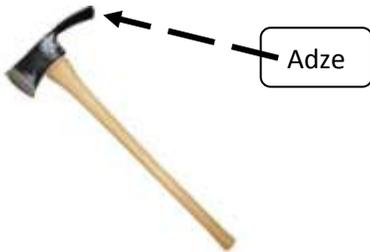
# Olympia Mountaineers -- Conservation Committee

## Tool Use, Care and Cleaning

Tool - Equipment	General Uses	Cleaning and Care
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This guide is an introduction to the tools we use for doing trail work. It is adapted from the U.S. Forest Service's manual of tool use, *Hand Tools for Trail Work*. It is not a substitute for the USFS document, which leaders of stewardship trips will likely read and follow, but rather a way for a participant who is unfamiliar with the safe and effective use of a given tool to know what it is and what to do with it. Your leader will show you in more detail.

Enjoy your work, and think of the great contribution you are making to the betterment of our trail systems and everyone's outdoor enjoyment.

<p>McLEOD (pronounced ma-CLOUD)</p> 	<p>It is used for raking smooth the surface (tread) of a trail after it has largely been shaped with other tools.</p> <p>Carrying: grasp the handle near the head, with the handle behind, head away from the body.</p>	<p>After use, clean the dirt off with water and wipe it dry.</p>
<p>GRUB HOE</p> 	<p>It is used for contouring the tread of the trail—for example, cutting into the side-hill where the trail has worn too slanted.</p> <p>Carrying: grasp the handle near the head, with handle behind and blade down.</p>	<p>After use, clean the dirt off with water and wipe it dry.</p>
<p>PULASKI</p> 	<p>The adze end is used for chopping into dirt and roots or any other hacking job that goes into the dirt (where axes should not go!) The axe end is for chopping clean wood, and should be treated like any axe, never hitting dirt or rocks.</p> <p>Carrying: grasp the handle near the head, handle behind, axe head away from the body and down.</p>	<p>After use, clean the dirt off with water and wipe it dry. The axe end should be cleaned like any axe (see below).</p>
<p>MATTOCK</p> 	<p>It is used for loosening up compacted soil and rocks.</p> <p>Carrying: grasp the handle near the head, handle behind, axe head away from the body and down.</p>	<p>After use, clean the dirt off with water and wipe it dry.</p>

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<p>AXE</p> 	<p>It is used to chop clean wood; it should never hit dirt or rocks.</p> <p>On the single bit axe, the flat BUTT end or POLE is commonly used to driving in wedges.</p> <p>Carrying: hold it just behind its head, with the head forward, sharp edge down.</p>	<p>The axe is sharp and needs to be carefully re-sharpened after heavy use. The wooden handle should also be cleaned a few times each year and a thin coat of fresh Linseed oil rubbed on.</p> <p>Coat the steel axe head with WD-40 – wipe off excess.</p>
<p>DOUBLE BIT AXE</p> 		
<p>HAND PRUNERS</p> 	<p>They are used for cutting small branches.</p> <p>Carrying: carry them like loppers or in a secure sheath, never in a pocket!</p>	<p>After use, clean them off and apply WD-40 to moving parts.</p> <p>Use sharpening tool to dress edges.</p>
<p>LOPPERS</p> 	<p>They are used for cutting larger branches up to 1" in diameter that are too small to warrant sawing.</p> <p>Carrying: close handles, grasp close to the blade, point blades forward.</p>	<p>After use, clean them off and apply WD-40 to moving parts.</p> <p>Use sharpening tool to dress edges.</p>
<p>KATANABOY saw</p> 	<p>It is used for sawing small logs and branches too thick for loppers or pruners. These should not touch dirt or rocks.</p> <p>Carrying: Saw blade must be folded into the handle. There is a cloth carrying case for this saw.</p>	<p>After use, clean and wipe down with WD-40 or a citrus-based solvent.</p>

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<p>CORONA (Hand Saw)</p> 	<p>It is used for cutting limbs that are too large for loppers.</p> <p>Carrying: it should be sheathed when not in immediate use.</p>	<p>Wipe off after use with a citrus-based solvent or WD-40</p>
<p>CROSSCUT SAWS 1 PERSON</p> 	<p>They are used for cutting large logs. These are <b>precision tools</b> that need special care. They should never touch dirt or rocks. They may only be used by those with sawyer certification, or those under their supervision.</p> <p>Carrying: They should be carried straight, with their sheaths on, but should be stored with sheaths off.</p>	<p>After use, at the trailhead, they should be cleaned off with a citrus-based solvent or WD-40 and wiped dry</p> <p>After use, they need to go home with a Crosscut Care Sawyer for proper care.</p>
<p>CROSSCUT SAWS 2 PERSON</p> 		
<p>BUCKING WEDGES</p> 	<p>They are used to hold a saw cut (KERF) open so it does not bind as the cut is continued.</p> 	<p>After use, clean off with water if needed.</p>

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<p>COLLAPSIBLE RAKE</p> 	<p>It is used for clearing small brush, debris and bark off the tread of a trail.</p> <p>Carrying: retract the tines for carrying. When collapsed can be carried in daypack. DO NOT step on it, or it will easily bend beyond repair or break</p>	<p>Brush off after use.</p>
<p>PULLING STRAP</p> 	<p>It is used by more than one person to drag logs or rocks off a trail.</p> <p>Carrying: can be carried in daypack.</p>	<p>Wipe or shake off dirt and debris.</p>
<p>PEAVEY</p>  	<p>It is used to grip a log for rolling or trail carrying.</p> <p>Carrying: grip behind the metal end, which should be in front</p>	<p>Wipe off wood debris after use.</p>