AXES



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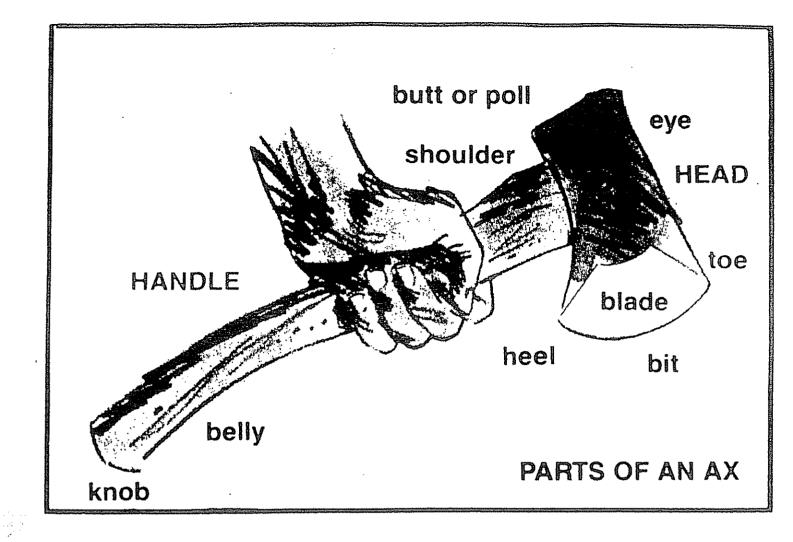
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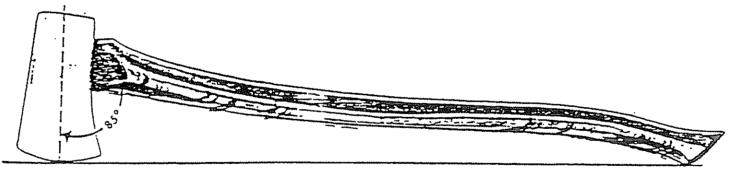
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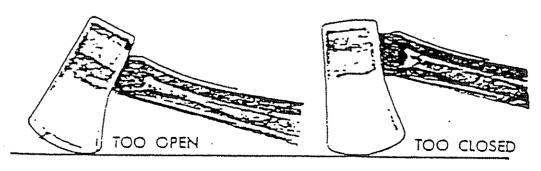
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Many an old backwoodsman carried such a file with him to keep his axe keen. There is a saying with these men that "You may lend your last dollar to a friend, but never lend him your axe — unless you know that he is a good axeman and will not blunt it."

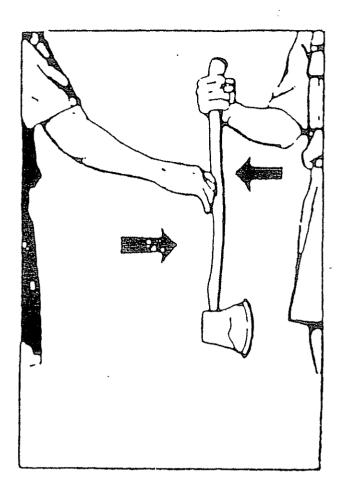




A CORRECTLY HUNG AX HEAD IS SLIGHTLY OFF RIGHT ANGLE TO HANDLE



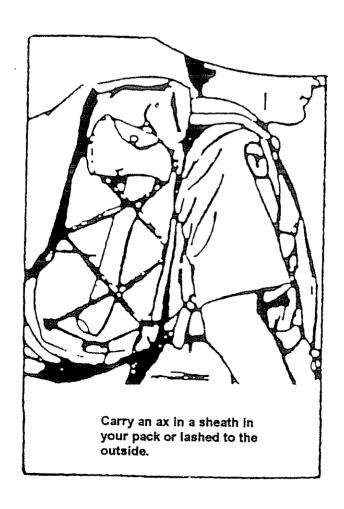
INCORRECTLY HUNG AX HEADS



To pass an axe to another person, hold the handle near the knob with the head down. Pass the ax with the bit facing out at right angles between you and the other person. When your partner has a grip on the handle, (s)he should say, "Thank you." That's the signal to release your hold.



Carry an unsheathed ax at your side with the edge turned outward. If you stumble, toss the ax away from you as you fall. Never carry an axe on your shoulder.



SHARPENING YOUR AXE

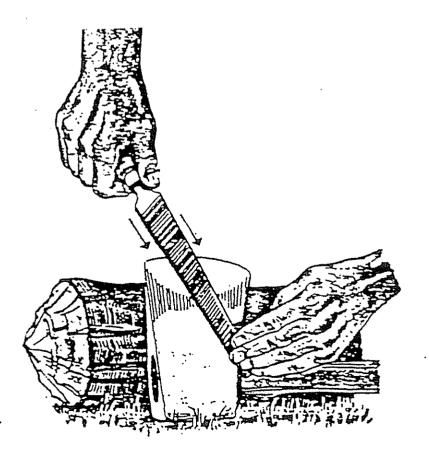
Keep your ax sharp with a mill bastard file 8 or 10 inches long. The lines across the face of the file are the teeth. They angle away from the point, or tang. A sharp file will be a drab gray color. A silvery shine means a file has broken teeth that won't sharpen very well.

Whenever you sharpen with a file, wear leather gloves to protect your hands. Also, make a knuckle guard from a 3-inch square of leather, plywood, or an old inner tube. Cut a small hole in the center of the guard. Slip it over the tang and hold it in place with a file handle. Buy a handle at a hardware store or make one from a piece of wood or a corn cob.

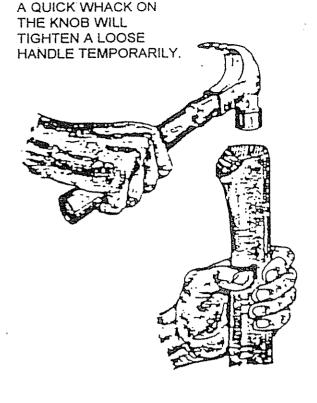
Brace the ax head on the ground between a small log and two wooden pegs or tent stakes, Place the file on the edge of the blade and push it into the bit. Use enough pressure so that you feel the file cutting the ax metal.

Lift the file as you draw it back for another stroke. A file sharpens only when you push it away from the tang. Dragging the file across the blade on the return will break of the file's teeth.

Sharpen with firm, even strokes. After you have filed one side of the bit from heel to toe, turn the axe around and do the other side. Under bright light, a dull edge reflects light. Continue to file until the edge seems to disappear.



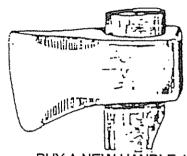
REPLACING A HANDLE



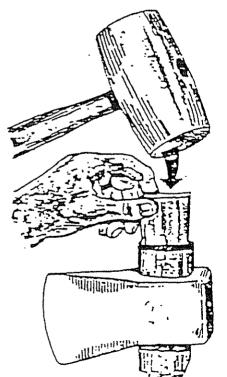
S B A E F

IF BROKEN HANDLE STICKS, YOU CAN BURN IT OUT. PUSH AX HEAD INTO WET EARTH AND BUILD A FIRE AROUND IT.

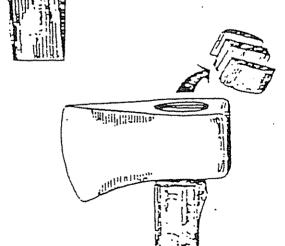
TIGHTENING A LOOSE HANDLE



BUY A NEW HANDLE AT THE HARDWARE STORE. IF NOT ALREADY SPLIT, CUT A SLIT IN IT WITH A SAW, OR SPLIT WITH OLD KNIFE.



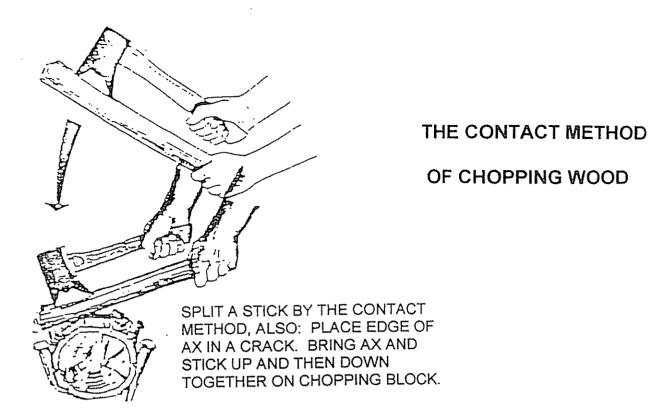
BUY A HARDWOOD WEDGE, OR MAKE YOUR OWN. HAMMER IT SECURELY INTO THE HANDLE.

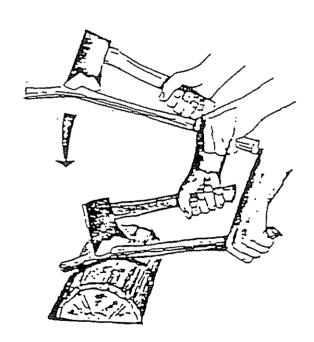


CUT OFF PROTRUDING PARTS OF HANDLE AND WEDGE CLOSE TO AX HEAD WITH A HACKSAW.

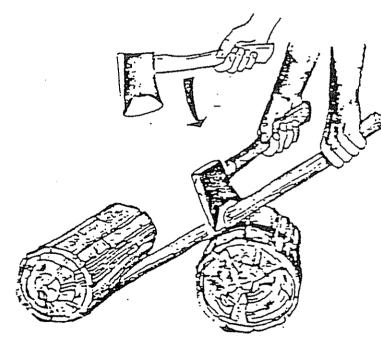


SOME AXES STILL COME WITH "FAWN FOOT" KNOBS.
CUT OFF THE TIP WITH SAW TO PREVENT SPLITTING.





ANOTHER WAY OF CUTTING A STICK IS TO PLACE AX EDGE IN CONTACT WITH STICK AND BRING BOTH UP AND DOWN ON CHOPPING BLOCK TOGETHER.

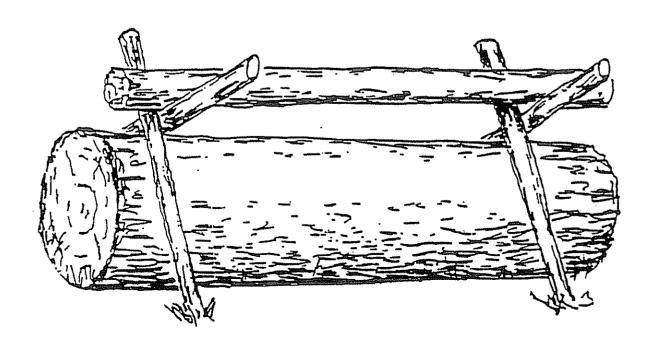


WHEN CUTTING A STICK, ANCHOR ONE END AGAINST A SMALL LOG, CUT AT THE POINT WHERE THE STICK RESTS AGAINST THE CHOPPING BLOCK.

THE AX YARD

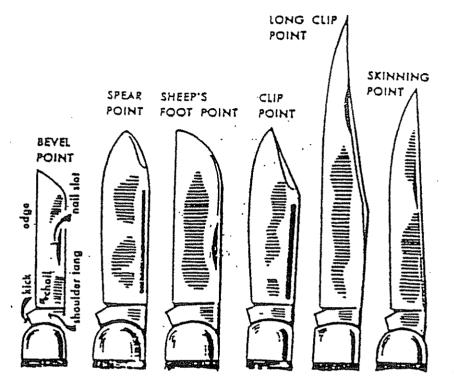
An ax yard must be set up prior to using the camp saw, ax and/or hatchet. Set up is quick and simple:

- 1. Select an area that is level, dry (footing), away from the basic camp and is relatively clear of brush trees and other possible safety conditions.
- 2. Using rope, engineer tape or some other marking materials, erect a barrier that is 3 to 4 feet above the ground. The marker line must provide sufficient room for a Scout standing in the center of the axe yard to have a clearance of at least an ax length all around. Tie white cloth strips on the line to enhance its visibility. Generally, the ax yard will be approximately 12 to 15 foot square.
- 3. There must only be one entrance and exit to the ax yard.
- 4. Normally there should only be one person in the ax yard at any given time. This is especially true during ax cutting operations. An exception may occur when using the camp saw. It may be necessary to have someone hold the log. This is the exception to the rule.
- There should always be an adult or another Scout present outside of the ax yard for safety reasons and to call for help in the event of an accident or injury.
- 6. Designate an area outside of the ax yard for stacking cut and split wood. Remember for keep the area inside of the ax yard as clean and free of debris as possible.
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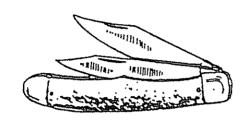


Types of Knives

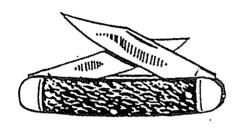
Different knive blades.



A jacknife has blades at one end only.



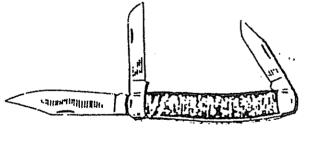
A penknife has blades at both ends.



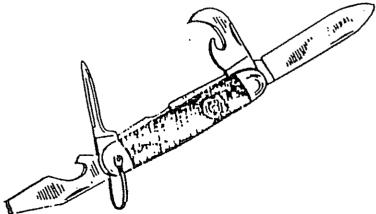
A whittler's knife has blades for carving.

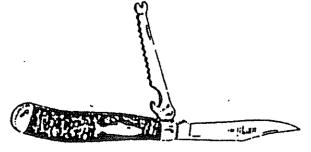
A good all-around camping knife has a punch blade (awl), cap lifter, screwdriver, can opener, and a cutting blade.

In another words — a.Scout knife!



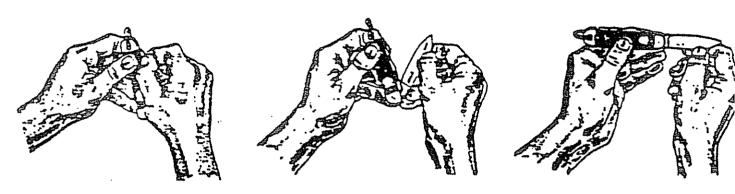
A fisherman's knife has a scaling blade and hook disgorger.





Opening & Closing a Knife

To open a pocketknife, hold it in your left hand and put your right thumbnail into the nail slot. Continue to hold onto the handle and blade until the blade snaps into open position.



To close a pocketknife, hold the handle with your left hand, with the fingers of your right hand safely on the sides of the blade. Push against the back of the blade with the fingers of your right hand (or with your palm). Let the knife blade snap shut.



Unless knife is in use, blades should be shut.

Never walk around with an open knife.

Never throw a knife.

Always cut away from yourself.

Never use the tip of a knife to pry something.

Never put a knife in the fire - it could ruin the temper of the steel.

Cleaning & Sharpening Knives

The safest knives are clean and sharp.

CLEANING

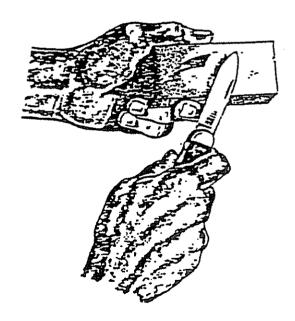
Clean dirty blades with hot, soapy water. Dry thoroughly.

Open all blades. Put a cloth or paper towel over the end of a toothpick, moisten with honing oil, and wipe out the inside of the knife. Swab out any extra oil with a clean cloth or paper towel.

SHARPENING

Knifes can be sharpened with a whetstone. Some whetstones can be used dry; others require water or honing oil.

To sharpen your knife, hold the blade against the whetstone at a 30 degree angle. Push the blade along the stone as though slicing a layer off the top. Sharpen the other side by pulling towards yourself. Wipe with a clean cloth and look directly at the edge of the blade. A dull edge reflects light. A sharp edge is so thin it doesn't reflect light at all.



Donna Leigh Barnes Instructor NE IV - 93 P.S. Making a fuzz stick is a great way for Scouts to practice their knife skills. It is also a terrific spare time activity for Wood Badge Scouters.



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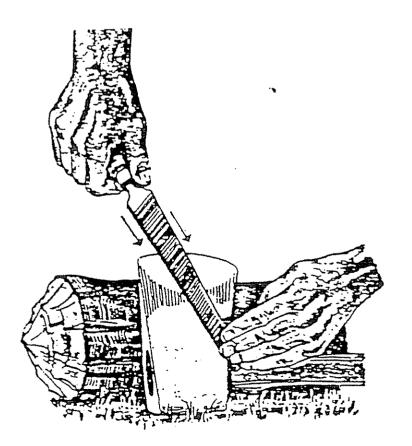
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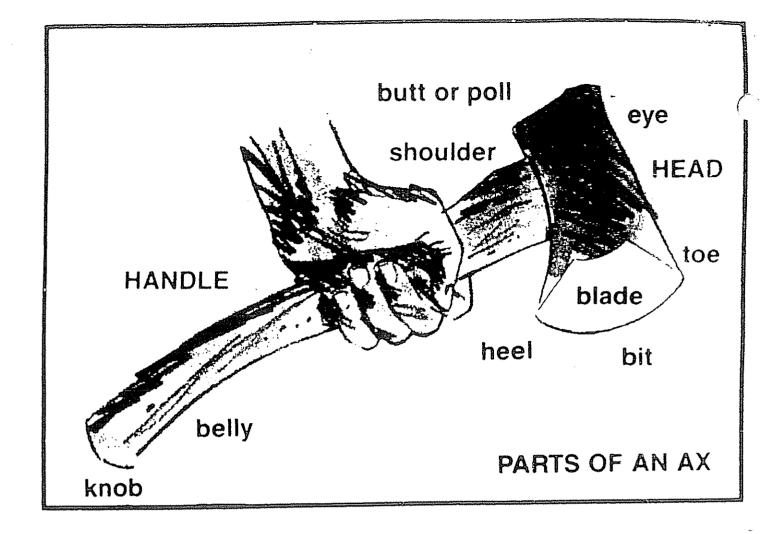
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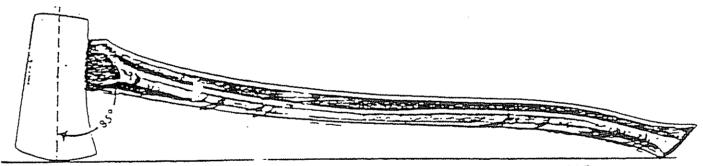
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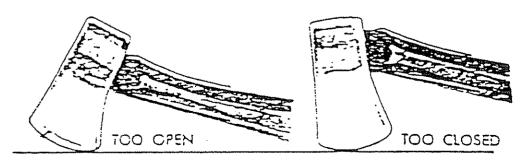
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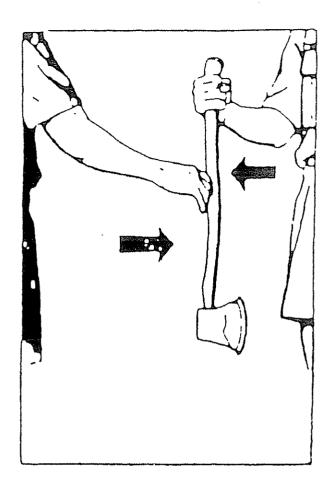




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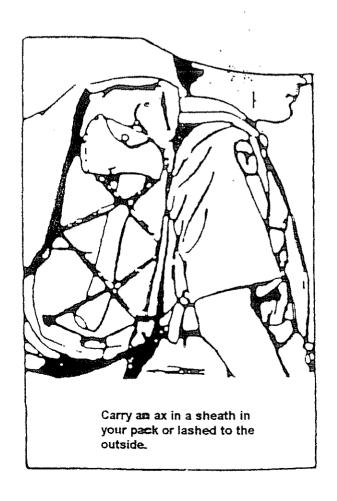
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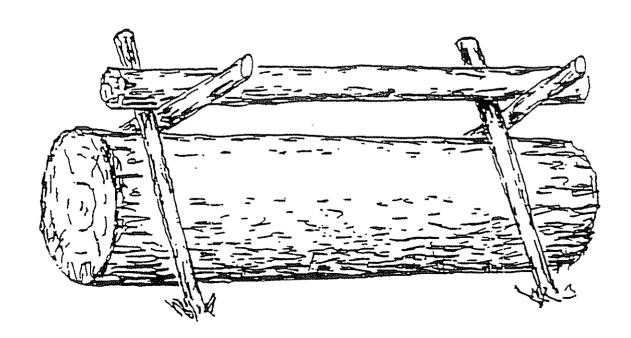
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Using the Ax in Camp

FOR GOOD axmamship in comp, use an ax that is sharp, and use it safely. The sharper the ax, the safer it is. It's hand to believe, but it is the truth. You can trust a sharp ax because it will stick where you strike. But a dull ax may be deflected; you have no control over it.

Most of your chopping and splitting will be done with the small hand ax. The best position for using this ax is kneeling on one or on both knees. Always use a chopping block underneath what you are cutting. That way there's no danger of having the ax land in the ground and nicking

the edge. Keep other compers at a safe distance when you wheld your ax.

The felling ax requires a lot more skill than the hand ax. The main principle im felling a tree is to make a deep notch in the trunk a few inches above the ground on the side toward which the tree is leaning, and to finish the job with a similar cut from the other side. When the tree starts to totter, run crosswise to the direction in which it is falling. Remember never to touch a living tree except with permission, and only if absolutely necessary.

