

January 2021

Smartpuller instruction manual

Introduction:

Thank you for your purchase of the smartpuller. The smartpuller is a buck-thorn type plant removal tool.

A word on safety:

There are little chances to hurt yourself using the smartpuller but any activity can be dangerous. The smartpuller is a tool that is used by pulling the handle towards oneself. One incident that happens regularly is the sudden breakage of the plant causing an unexpected release of the handle from the plant. This effect can cause a collision between the operator's body and the handle or a lost of balance of the operator resulting in a fall on the ground. That is why it is always a good practice to have a foot behind oneself when using it. Another incident that could happen is the wooden 2 by 4 could break, the same result is to expected. Two person or more can pull on the handle but it is not a recommended practice since a collision could happen between the operators in case of a mishap.

Parts supplied and to get:

There are four parts in the package; The base, the handle, the jaws for saplings and the anti-splitting plate. The buyer has to purchase the following parts locally:

- a length of construction 2 by 4 (actual dimention of 3 1/2" X 1 1/2") recommended maximum lenght of the breast of the operator to the ground.
- 4 bolts 3/8" in diameter 5" long with nuts and washers

Tools needed for the assembly are:

3/8" drill and 3/8" metal bit 5" long, a "C" clamp, wrenches for the nuts and bolts.

Mounting the smartpuller: (refer to drawing)

The parts are pre-drilled, and used as templates to drill the 2 by 4.

Base:

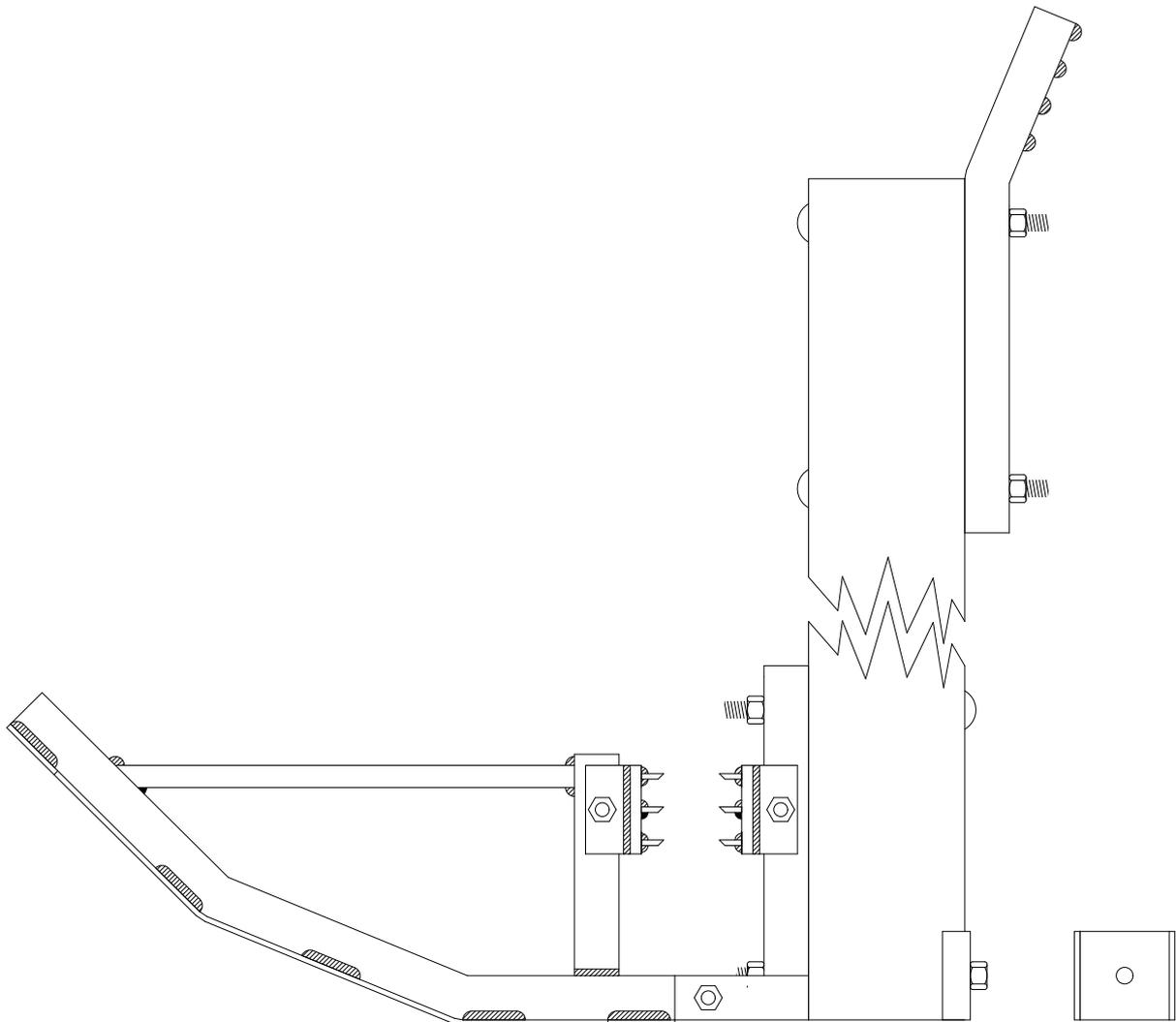
- Position the anti-splitting plate flush at the end of the 2 by 4.
- Drill through the plate one half of the 2 by 4, transfer the plate to the other side of the 2 by 4 and drill all the way through.

- Install a bolt through the plate and the 2 by 4.
- Install the base of the smartpuller and one nut, align the base with the 2 by 4 and tighten using a "C" clamp.
- Drill the other hole using the base as a template, all the way through as squarely as possible.
- Install other bolt and washer and tighten bolts.

Handle:

- Using the "C" camp secure the handle with upper hole one inch from the end of the 2 by 4.
- Drill the 3/8" holes all the way through using the handle as a template.
- Install bolts with washers.

Maintenance summarizes as oiling the articulations every so often and not leaving it outside.



Operation:

The handle has to be passed around the tree and it is pulled a slight angle with the tree. The sapling jaws (not shown on the drawing) are removable, Simply loosen the 1/4" bolts on the side of the jaws and store them when not in use.

Warranty:

The smartpuller has a 1 years guaranty for tool breakage. Contact Pierre Ménard at vispieux@gmail.com. The tool is not to be sent back.

Disclaimer:

The manufacturer of the smartpuller (Vispieux enr.) can not be held responsible for any personal injury or damage to property involving the use of this tool. Fault with the tool is limited to reimbursment of the cost of purchase.

Thank you to have read these instructions.