

Fence Bracket

2/22/20

PURPOSE:

The Fence Bracket is designed to eliminate the need of the use of treated wooden posts to erect a wood board fence.

Instead of horizontal mounting lumber being nailed to wooden posts, Fence brackets are used to hold mounting lumber on a standard metal T-posts.

To erect a fence using no equipment other than a one person, manual, post pounder.

To eliminates the chore of digging deep holes, either by hand or heavy equipment, to erect wooden posts for a fence.

To eliminate concrete post hole footings, filling back dug hole with dirt, tamping of dirt, and replanting grass.

To be able to erect a board fence around back yard, or garden, for dog and varmint control.

To be able to switch from a wire fence to a board fence without having to remove old posts.

To create a board fence up any incline, or depression, in the terrain.

To use the benefit of the spade, part of a standard T-post, driven into the ground, to withstand wind pressure.

To use the flex of the metal on the T-post, versus the rigidity of a wooden post, to respond to its original straightness due to excessive or repeated wind pressure.

To hang a board fence at a right angle to the T-post's Lumber Bracket.

To hold siding, at a right angle to the construction lumber, held by Lumber Brackets, used to wall in a shed or barn constructed out of T-posts.

To be able to double up the Fence Brackets to hold large construction lumber for shed floors or roofs.

To be able to hang wooden pallets, from old pipes, concrete reinforcing rods, or standard pressure treated construction lumber.

BENEFITS:

Using standard metal T-posts is faster and cheaper than wooden posts.

Fence brackets will slip on and hold standard construction lumber along opposite the knob side of any of the 5', 5.5', 6', 7', 8', 9', 10' long T-posts manufactured.

The fence bracket's cradle will hold mounting lumber at 90° to the vertical post.

When Fence Bracket is locked onto T-post, a slight wiggle room, left to right, is there to allow for the possibility of the T-post have been driven into the ground on a slight angle to the adjoining ones.

The slots in the metal of bracket will let the worker make slight adjustments to the cradle of the bracket. This will assure mounting lumber is parallel to the T-post.

The screw holes, for securing mounting lumber to post, are at a sufficient distance from edges of butting lumber in the bracket's cradle, to prevent lumber from splitting when screws are applied to hold mounting lumber.

Once horizontal lumber is attached and locked onto T-post the Fence Bracket will not slide down the post.

Using T-posts does not require digging holes, inserting wood post, adding a concrete footing, filling back extracted soil, tamping soil layers as it is replaced into portions of hole, and replanting grass.

Fence Brackets may also be used to hold construction lumber for building sheds by holding, to the T-posts, horizontally placed lumber to use in mounting siding and roofs over sheds.

The Fence Bracket can be doubled up to hold large and heavy, pressure treated lumber.

Outdoor sheds, built on T-posts, may store or house firewood, mowers, dogs, goats, ponies or other farm animals.

Fence Brackets will hold mounting lumber horizontally at 90° to the construction lumber mounted by Lumber Brackets. Making both an inseparable combination to aid in building an enclosed structure, such as a barn, on T-posts.

Using fence brackets to hold lumber, one can pre-build a hunting blind, in sections, then assemble it on site.

When a pasture fence joins an in line backyard fence, there is no need to remove T-posts to switch to a board fence in the back yard.

Wooden board fences, on simple T-posts, can hide ugly next to the house trashcans, gas bottles or AC units.

A wooden board fence can inclose a backyard by following the land's contours and keep a dog from crawling under the boards and varmints entering the backyard or garden.

A vertical board fence, using the Fence brackets, can travel up any hill, or down into a gully.

It can even span a small stream or a run-off water gully by placing the T-post in its lowest position. This is possible because there is no horizontal upward pressure from tightly stretched fencing wire that would normally pull up the post in the gully.

By using Fence Brackets in conjunction with the T-post's winged spade, which is buried in the ground 1 1/2 to 3 feet deep, is put to use by being contrary to wind or animal pressure on fence. This becomes a major positive factor compared to a wooden post.

T-post use for board fences is more practical and useful then solid 4x4' wood, because wing on a T-post not only absorbs wind pressure, but the flexibility of the metal post itself adds to the overall absorption of wind pressure better than a stiff wood post.

Used skid pallets can be used to create a fence. Using the cradle of the Fence Bracket, a person can hold up onto a T-post pallets by horizontally placing old steel pipes, leftover concrete reinforcing rebar, and even stout cables or wire from bracket to bracket. As little as a couple strands of electric fence wire, stretched along, and through the bottom of the hanging pallets, attached to each T-post, will keep the pallets from swinging in the wind.

Fences and outdoor structures built with T-posts are considered temporary and not permanent structures by most states in the USA, and therefore a tax right-off.

DESIGN AND MATERIAL OF BRACKET

Made with galvanized steel.

Formed to be applied and used without tools or injury.

Made to utilize the Knobs and Wings on any and all standard metal T-posts.

These knobs are part of the entire function for locking Bracket unto T-post and into final position.

The curved portion of the Bracket will hug both wings of the T-post when locked.

Perforated slits in the Bracket's metal gives user minor leveling adjustment capabilities.

The Bracket can be doubled up to hold heavy lumber.

When doubled up, the two Bracket's oblong screw holes become a single round hole to insert the screw.

The screw holes are in a position to allow up to four screws to hold mounting lumber.

A notch to indicate center of bracket is beneficial to joining mounting lumber at the post. There are two screw holes available to hold each butting end of lumber resting in the cradle of Bracket.

The specially designed opening on the Bracket has guides to help begin its downward slide onto the post, as well as stops to let the user know when bracket is locked in place.

With a slight twist to the right, this locking takes place when a metal tab rests on top of a knob on T-post and the rear width of the bracket's opening hugs the metal T-post.