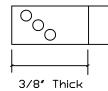


H.D. Trip Bar for Dearborn 10-14 Plow

## Final Cut Pattern (2X Heavy Duty)

(Cut from 1/2" A-36 Steel) © 2009 Challenge Hill Farming Co. Museum



Std. Trip Bar for Dearborn 10-14 Plow

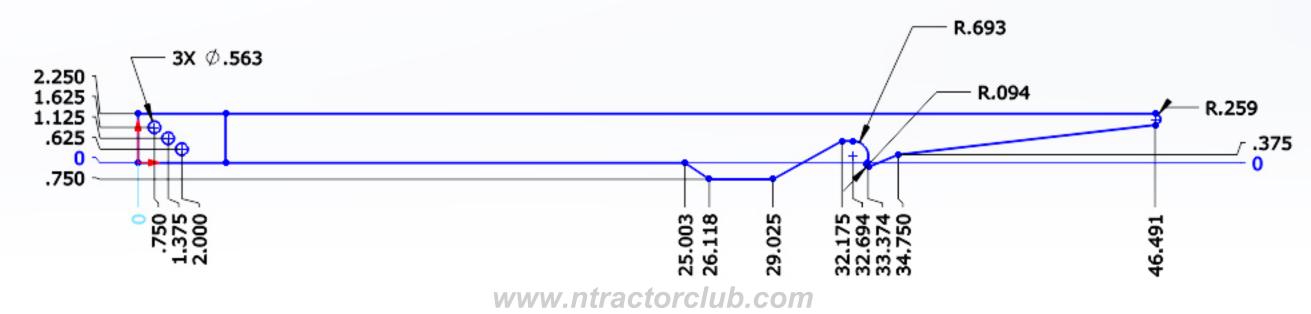
## Final Cut Pattern (Standard)

(Cut from 1/2" A-36 Steel)

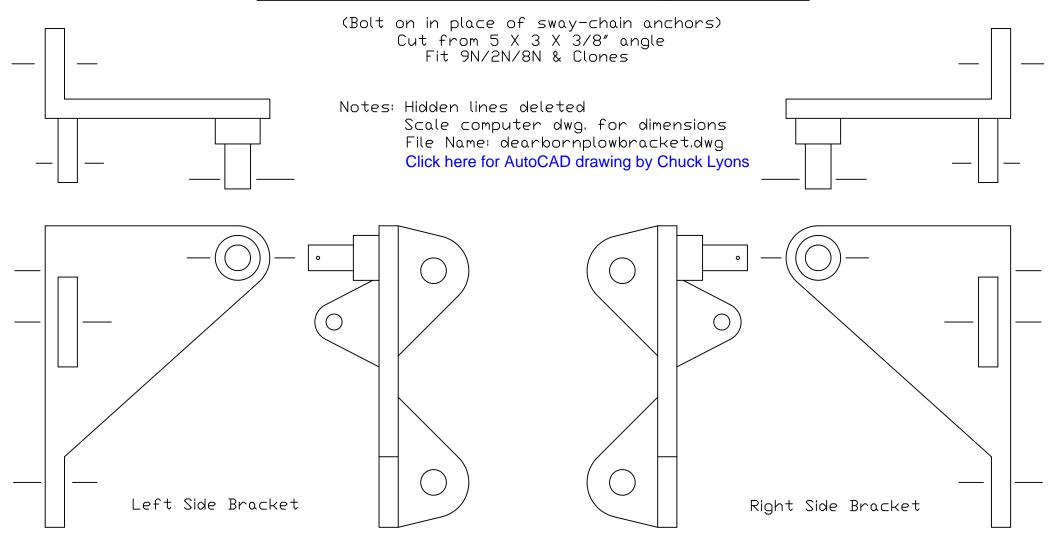
© 2009 Challenge Hill Farming Co. Museum

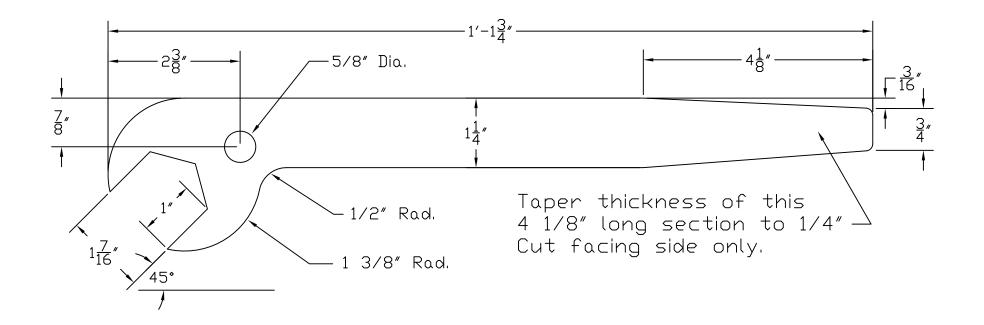
Note: The reproduction bars cut from this standard design failed slightly when used on a 'stiff' plow that had not been operated for some time. Apparently DEM bars were made from harder steel and hence somewhat stronger. A36 is a readily available (ie inexpensive) steel and with the increased throat width of the 2X HD design, should work good, even when used with a stiff plow.

Click here for AutoCAD Drawing by Chuck Lyons



## Trip-bar Brackets for 10-14 Dearborn 'Toggle' 2-Way Plow





Wrench for Dearborn 10-14 Plow

© 2009 Challenge Hill Farming Co. Museum

Laser Cut from 5/8" HR Plate

## Hi:

As the present owner of several 10-14 Dearborn plows (Dad farmed with one for the years I was a kid, so I had to have it), in order to replace the small parts that seem to always come up missing when you buy one, I made up AutoCAD drawings with which a person can go to any steel service center that has a laser cutter and have them cut the wrench and trip bars from common A36 plate. I'd like to see these drawings made available to other Dearborn Implement owners through your website. The brackets must be fabricated from angle steel; they can't be laser cut. The wrench and bars come out looking real nice from the laser cutter, and even better if you spend a little time with a file smoothing up the edges.

(Yes, I know there's a guy who's repopped these trip bars, but a friend of mine bought two of his bars, at a much heaftier price {not to mention the shipping} than the ones I repopped at a local steel service center via my drawings, and they failed the first time he used them, so that's not the way to go.)

I'm attaching the AutoCad files. Ownership of the drawings remains with me, but your members are free to use them to make parts for equipment they own.

Sincerely, Chuck Lyons Challenge Hill Farming Co Museum