

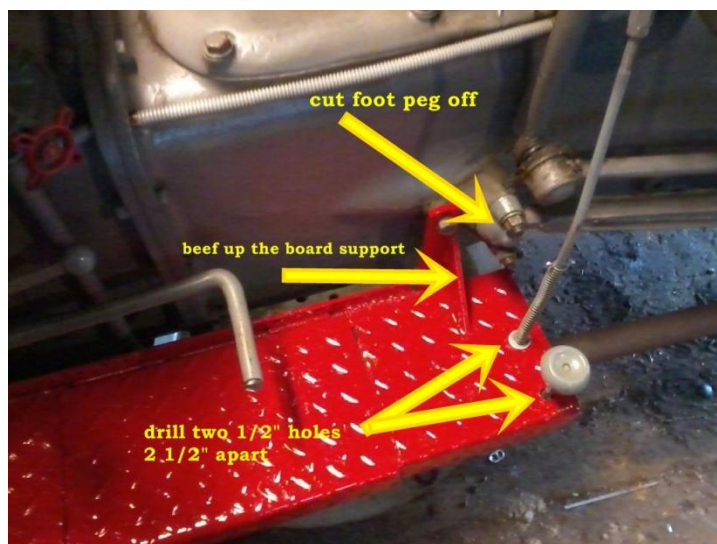
Dowden Foot Feed for the Floorboard

Written by Daniel Howe, A.K.A. Farmer Dan July 2014

When Ford made the 9N and 2N tractors they had foot pegs only, floor boards were an accessory you got from the dealer or made yourself. This is all find and dandy until you add the foot feed to your foot peg. Now your foot won't fit on the running board and your right foot resting on the foot feed board is higher than your left foot and feels awkward and uncomfortable.



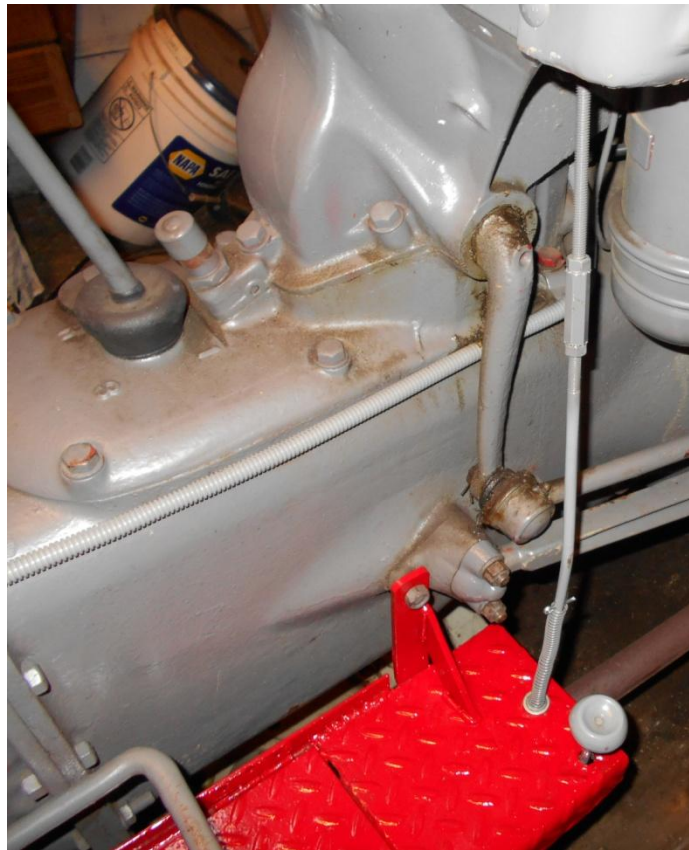
To cure this I put the Dowden hardware in my floor board. Yes that nut should be on the bottom side but it's leaving soon anyway.



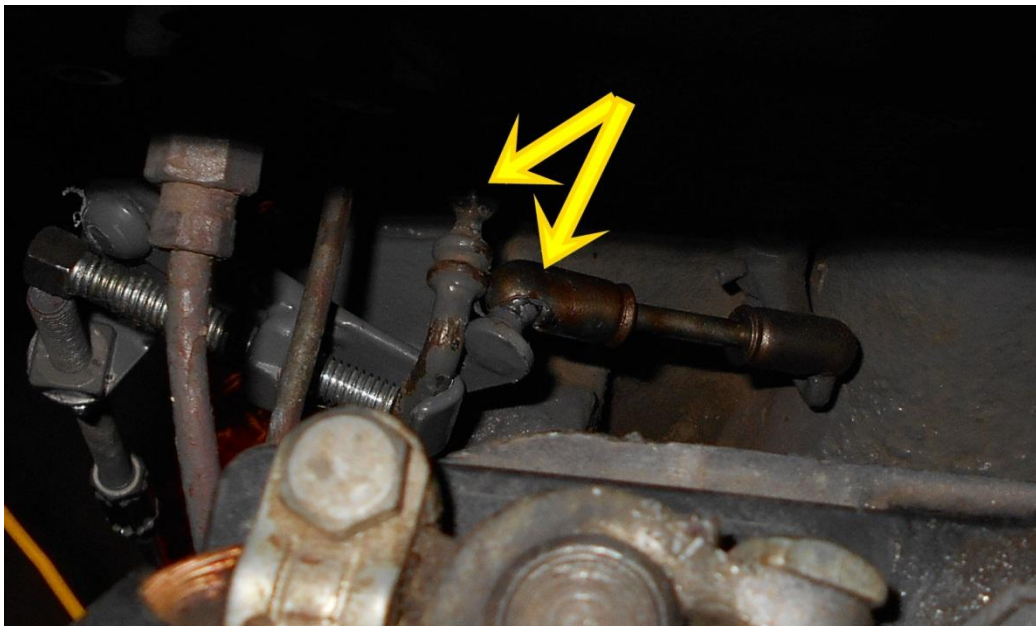
First you will need to cut off the foot peg. It is in the way of where the new linkage will be moved to. My floor board had a brace that hung off the foot peg for added support; I had to cut it off. I used that steel to beef up the brace that bolts to the tractor. Next you will need to drill two ½" holes for the throttle linkage to pass through. They don't have to be perfect but you do need to remove any burrs that could cause it to bind. 1" in from the edge and 2 ½" apart.

Pass the 5/16" rod through the two holes from the bottom, long side toward the tractor. Screw the knob on the short side. On the long side place a flat washer to keep the spring from going through the hole you just made. Put the spring on and compress it for the cotter pin to be inserted.

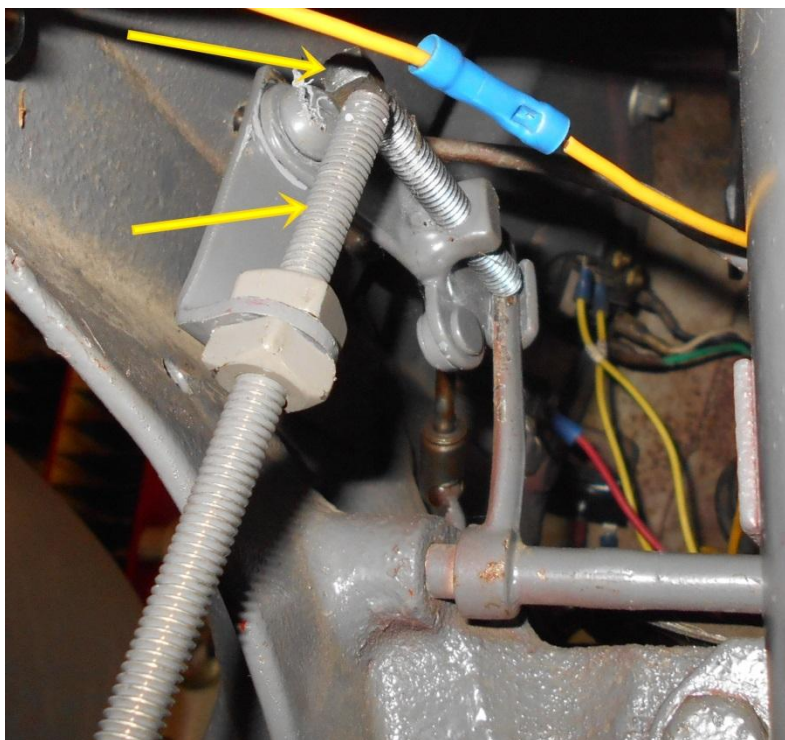
Since we just lowered the knob or button that you step on to "give it the gas" we need to extend the linkage. I did that with 8" of threaded rod (5/16 x 18tpi) and two nuts with star washers built into them. Should look like this:



Now we can move to the linkage on the top end.



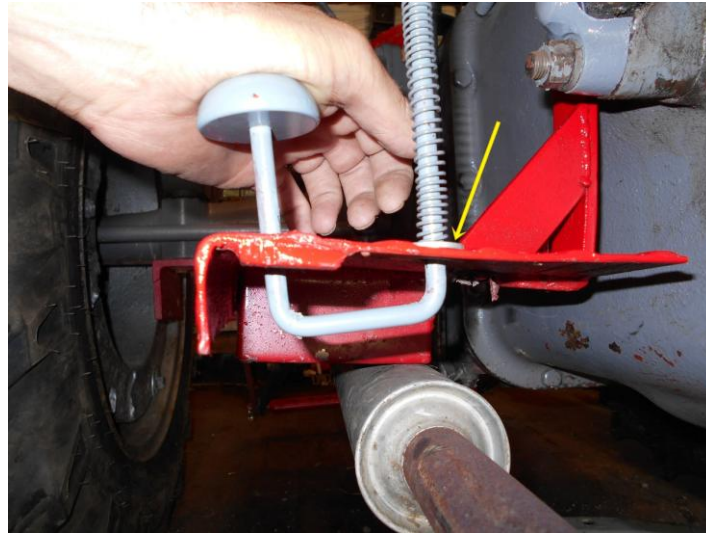
Sorry for the bad picture but it's a hard spot to get too. Take my advice and remove the battery. Install the Dowden linkage as high up as you can and move the short piece of linkage from its original ball to the new one for the foot feed. This will allow the lever and foot feed to operate independently of each other. You set the speed with the lever than add to that with the foot feed when you need a boost. Or in my case I don't even use the lever anymore.



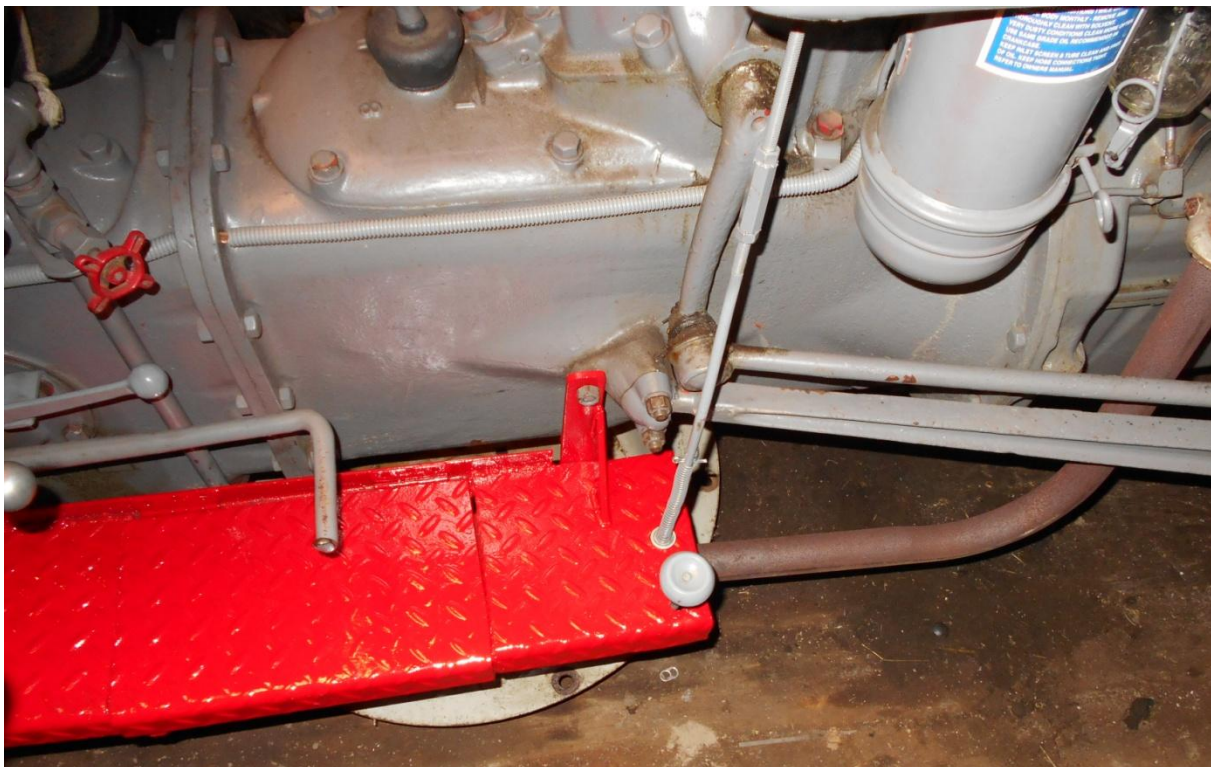
My kit was missing the bolt, instead of waiting for them to send me one I just made one. You will need to use 5/16" x 18tpi threaded rod and a coupler to extend the Dowden linkage because the foot feed is mounted lower and therefore is farther away. The threaded rod in this

picture is a little long but it clears, I'll cut it off to make it look better. Adjust the two stop nuts until the engine will once again idle down to the same speed it did before we messed with the linkage.

The other end should look like this:



And for the finished product we now have a foot feed that is built into the running board.



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