




DECK FOOT ANCHOR™ TROUBLE SHOOTING GUIDE

REV: 01/29/24



Step	Issue	Solution
1	 Important	
	Socket	<ul style="list-style-type: none"> • Use a 12mm Six Point Hexagon Socket. Do not use <i>twelve point sockets</i> because they may be more susceptible to <i>stripping the drive head</i>.
2	Drive Head is slightly oversized	<ul style="list-style-type: none"> • If for some reason the drive head is slightly oversized, perhaps because of a excessive zinc galvanized coating or manufacturer error, try using a 1/2" six point socket before rejecting the auger.
3	Protection	<ul style="list-style-type: none"> • Wear ear protection and a leather glove on the <i>hand that holds the auger shaft</i>.
4	Impact Wrench	<ul style="list-style-type: none"> • For most applications an 18V cordless 1/2" Drive Impact Wrench will be more than sufficient to drive the auger into the soil.

Step	Issue	Solution
5	Difficult Soil Conditions	<ul style="list-style-type: none">• Some soil is <i>not suitable for augers</i> because of rocks, roots or very dense soil.
6	Testing Your Soil	<ul style="list-style-type: none">• Use a <i>1" spade bit</i> or <i>twist bit</i> and a <i>24"</i> or <i>30" bit extender</i>. Try drilling the bit as deep into the soil as possible to <i>confirm there are no obstacles</i>.
7	Auger Turns Very Slowly	<ul style="list-style-type: none">• Check that your battery (<i>not less than 18v</i>) is fully charged if using a cordless tool.• Check that your impact wrench can generate <i>enough torque</i>.• <i>Do not use a pneumatic tool</i> as it will use too much air and sufficient tank pressure will be <i>difficult to maintain</i>.• Drill a <i>1" hole</i> <i>as deep as possible</i> using a <i>spade bit</i> or <i>twist bit</i> with a <i>long bit extender</i>. Then try <i>driving the auger down the hole</i>. This may reduce torque requirements.

Step	Issue	Solution
8	Difficulty Driving Auger Perpendicularly	<ul style="list-style-type: none">• Use a Fence Post Level alongside the auger to ensure the auger is plumb. Pulse the impact wrench while maintaining control of the auger until the auger is well set into the soil.
9	Impact Wrench Will Not Turn	<ul style="list-style-type: none">• Do not continue driving the auger if it is not turning or you may snap the auger. Retract and move the auger to a different spot.• Lab test data confirms the augers will break if subject to greater than 130 ft-lbs for extended periods of time.• Use the Hand Auger Tool to manually turn the auger. Or use and 18"-24" Socket Wrench or Breaking Bar and turn the auger by hand.• Sometimes an auger hits a dense area and once through it, the impact tool can be used again.

Step	Issue	Solution
10	Damage to Leading Edge of Drive Head Threads	<ul style="list-style-type: none">• If you <i>push down hard on the socket over time</i>, the drive head can contact the leading edge of the threads and damage it. This can make it more difficult to install the nuts.• To avoid this, do not push excessively hard on the socket but allow the auger to pull itself into the soil.• Another tip is to take the two supplied nuts and install them over the threads directly on top of one another so that the <i>upper nut hides the leading edge of the thread</i>. The socket cannot contact the thread.
11	Washer and Nut Arrangements	<ul style="list-style-type: none">• Our factories provide us with nuts that vary in height from 1/2" to 5/8". Use the washers provided to compensate for the height gap from the top of the bottom nut to the underside of the channel in the post saddle. Always use at least one nut under the upper nut over the channel in the post saddle.

Step	Issue	Solution
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⚠ Important

Using the auger extension

- Screw **Auger Extension** over drive head of Auger *until it stops turning. Align screw hole of connector strip over hole in lower auger.*



- Drive **self drilling screw** through hole in strip, hole in auger and *continue driving the screw* until the washer head **contacts** the connector strip.



- Drive **second screw** through other hole in the connector strip and drill it **through the extension tube** until the washer head **contacts** the connector strip.





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