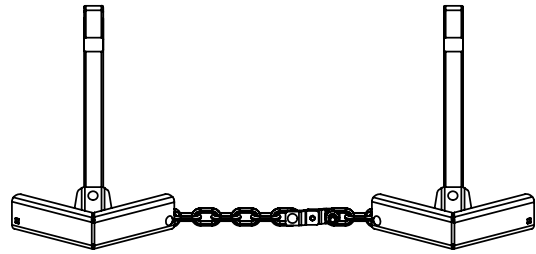


Leveling Shovel

By: **HAUKAAS**
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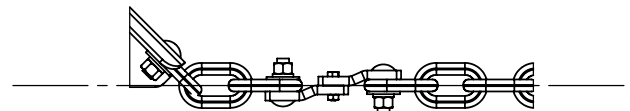
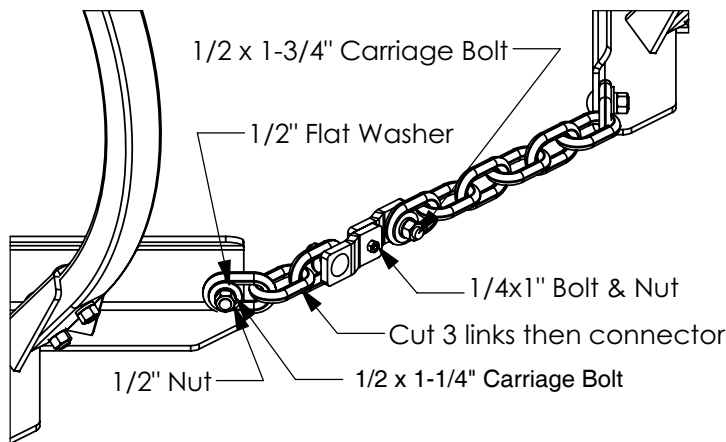


Leveling Shovel Instructions

Installation:

- Two carriage bolts and lock nuts have been provided to attach each shovel to the shank.
- The 1/2" logging chain will need to be cut to length and attached between each of the rear shanks. The chains are to be attached to the shovels with 1/2 x 1-1/2" carriage bolts, flat washers, lock nuts. The chains are to be cut just long enough to fit between the shovels on the rear shanks. EXCEPT ALLOW SLACK FOR THE WING TO "FLOAT"
- At each wing hinge point on the cultivator a chain connector (pair) must be installed. This connector must be undone each time the cultivator is winged up. (Failure to do so could cause damage!)

Below is a diagram of the proper installation of the Chain Connector (pair):



Attach the Chain Connector as shown so that the line of pull is directly through the 1/4" bolt.

Operation:

- The cultivator must be leveled, the under frame height must be equal front to back.
- Set the depth adjustment stop on the cultivator so that the shovels run 1/2" above the ground. The only time the shovels should come in contact with the ground is when it comes in contact with the mole hill.
- If a shank is bent adjust the shovel to level by using washers between the shovel and shank.

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