



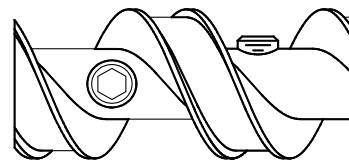
Auger Connector Installation

Part Number 29055-2

The auger connector is designed to fasten the ends of the (28103) ULTRAPAN® or GENESIS® auger together without welding.

Note: The auger connector is not to be used with rotating auger.

Installation



1. Allow the auger to relax to its natural length.
2. Determine the amount of stretch required and subtract 2 inches [50 mm].

Stretch required: 6 inches [152 mm] of stretch required per each 100 feet [30 m] of auger in the system.

Example: If the system has an overall length of 600 feet [183 m] the required auger stretch is 36 inches [914 mm].

Subtract 2 inches [50 mm] from the required auger stretch before cutting the auger. This length is the amount of auger overlap on the auger connector.

3. Cut the auger and file the end smooth so there are no sharp edges.
4. Screw the auger connector into one end of the auger

Note: Make sure **flighting of auger ends match and lay flat against each other in overlap area.**

5. Untwist the other end of the auger 1-1/2 turns. When it is threaded onto the auger connector it will return to its relaxed position.

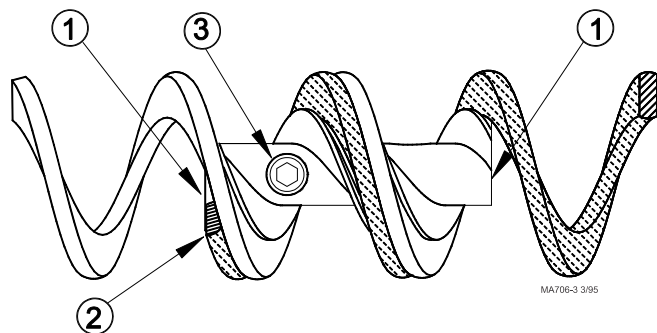
Note: Auger ends must be overlapped **NOT** butted when threaded into the track of the auger connector.

6. The end of each auger should be even with each end of the auger connector. Center the auger connector in the joint.
7. Tighten each set screw until it touches the auger. **Tighten an additional 1/4 turn maximum.**

NOTICE

Do not overtighten the set screws! Auger will deform if set screws are overtightened causing auger to jam in power units or boots.

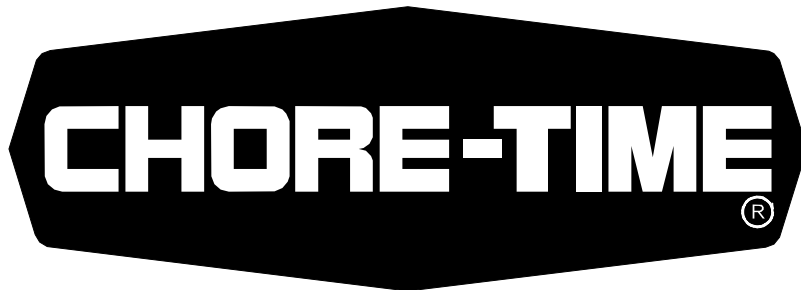
8. File both ends of the auger to match the auger diameter. No mismatch allowed!



Key

- | Key | Description |
|-----|---|
| 1 | The auger ends must be even with the ends of the Auger Connector. |
| 2 | File auger ends smooth. |
| 3 | Tighten set screws. |

Auger connectors may be ordered in lots of two, part number 29055-2.



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Revisions to this Manual

Page No.	Description of Change	ECO
1	Added "28103"	33256

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