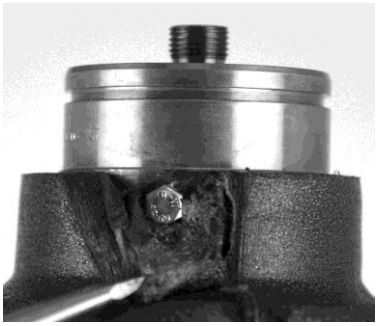
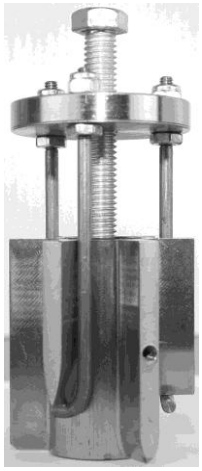
Manitowoc SN12 SN20 Model Nugget Ice Machines

Cutterhead Bearing Assembly Replacement

1. Disconnect power to the ice machine at the breaker or disconnect switch.
2. Verify that no ice is present in the auger/barrel.
3. Trim the evaporator insulation to expose the three bolt heads securing the cutter head to the evaporator.



4. Remove the 3 bolts securing the cutter head to the evaporator barrel.
5. Use puller to remove cutter head from auger shaft.



6. Inspect auger shaft for damage – Do not install a new cutter head/bearing assembly if the auger shaft is scored or damaged. A damaged auger shaft requires replacement.
7. Clean evaporator and auger shaft to remove lime scale and other water impurity deposits.
8. Install new cutter head – do not force or drive cutter head into position. Use a Scotchbrite pad to clean the auger shaft and evaporator barrel until the cutter head can be inserted by hand.
9. Apply removable locktite on the bolt threads and silicone sealant beneath the bolt heads to prevent water leakage.
10. Secure top cutter head with three bolts and removable locktite.
11. Remove o-ring at top of evaporator and discard.
12. Clean evaporator top OD and groove and ID of plastic chute to remove lime scale and other deposits
13. Install chute seal over top of evaporator cylinder with double lip feature to top end of cylinder. Verify inside 'rib' of seal is seated into cylinder groove around entire circumference
14. Using potable water, wet OD of seal and ID of chute and assemble chute to evaporator.
15. Align bottom edge of band on worm gear clamp with bottom edge of chute and tighten clamp.
16. NOTE: The machine must be allowed time for any moisture inside the evaporator insulation jacket to dry. Use a heat gun or hair dryer to remove moisture trapped between the insulation and the evaporator.
17. Apply silicone sealant and fill & seal any gaps, splits or cuts on:
    - Entire bottom end of insulation jacket
    - Water inlet tube.

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