

# Releasing & Engaging a Drum Motor Equipped with a Manual Release Backstop (MRB) Device

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## To Release the Backstop Feature:

1. Bring the drum motor to full stop and disconnect power.
2. Remove the shaft cap located on the shaft end, opposite the junction box or cable entry.
3. Using a 10mm deep socket 1/4" drive and a ratchet; insert socket into the shaft and turn clockwise until the end, approximately 15 turns and allow motor to rotate freely in opposite direction.
4. Remove socket and re-install the shaft cap. The motor will operate in both directions.

## To Engage the Backstop Feature - Repeat Steps 1 & 2:

3. Using a 10mm deep socket 1/4" drive and a ratchet; insert socket into the shaft and turn counter clockwise, approximately 15 turns.

**NOTE:** Do not exert force to turn the socket as some movement for

the drum may be necessary to align the shaft to engage to its mating part. Forcing the rotation of the socket may result in damage to internal components.

4. Once re-engaged, remove the socket and re-install the shaft cap. The motor will operate in only the direction indicated by the brass arrow mounted on the side of the unit.

**NOTE:** The drum motor is shipped with the Backstop already engaged.

If you require assistance, please call Van der Graaf Technical Support: 1 (888) 326-1476