



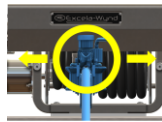
# ME9000-GSK GEAR SEGMENT SERVICE KIT INSTRUCTIONS

## for ME9000LH-17/25 EXCELA-WYND™ HOSE REEL



### BEFORE SERVICING THE EXCELA-WYND™ HOSE REEL PLEASE READ THESE IMPORTANT SAFETY WARNINGS

**WARNING!** Risk of injury from pinch points – Keep hands and fingers away from hose guide.



**WARNING!** Risk of injury from pinch points – Do Not operate reel without gear and chain guards in place.



**WARNING!** Risk of injury from pinch / sever points – Keep fingers away from inlet flange.



**WARNING!** - Risk of injury - The hose reel is very heavy. Use a suitable mechanical hoist or crane to lift, move and set reel.



**WARNING!** - Risk of injury - Disconnect power and relieve system pressure prior to servicing reel and controller.



**WARNING!** This product contains a chemical known to the state of California to cause cancer and birth defects or reproductive harm.



**WARNING!** - Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion and/or fire causing property damage and personal injury or death. MEC equipment must be installed, operated and maintained in accordance with federal, state and local codes, and manufacturer's instructions. The installation in most states must also comply with NFPA No. 58 and ANSI/CGA-2.1. Only personnel trained in the proper procedures, codes, standards and regulations of the LP-Gas industry should install and service this equipment. Installation or service inconsistent with these instructions may damage the reel, increase the risk of injury or void the warranty.

**These instruction cover the ME9000-GSK Gear Segment Service Kit installation.** MEC recommends replacing all four gear segments at the same time, which requires (4) ME9000-GSK Gear Segment Kits.

- The ME9000LH-17/25 Excelsa-Wynd hose reel must always be powered by a BASE Engineering VSC9000 variable speed controller.
- An anti-seize compound must be applied to the external threads of all fasteners when installing or servicing the hose reel. MEC recommends using a Nickel-based (copper-free) anti-seize compound.
- MEC recommends using a high-quality lithium grease, such as Mystik® Lubricants JT-6® high temp #2, or equivalent.

#### TOOLS REQUIRED:

- 9/16" Socket, ratchet wrench and extension
- 3/16" Hex wrench (Allen key)

#### REMOVE WEATHER SHIELD, if provided

1. Pull both detent pins, push the cover in to release it, lift up and off reel.

#### REMOVE GEAR GUARD / ACCESS MOUNTING SCREWS

2. **For Gear Guards secured by Bolts:**
  - a. Using a 9/16" socket, remove the (2) bolts securing the gear guard and retain the lock washers
  - b. Slide the gear guard up and off the reel.

#### **For Gear Guards secured by Locknuts:**

- a. Using a 9/16" socket, loosen the (2) locknuts securing the gear guard 2 to 3 turns, but don't remove them.
  - b. Slide the gear guard up and off the reel.
3. Pull enough hose off the reel to access the Gear Segment mounting screws.

#### REMOVE GEAR SEGMENTS

4. Using a 3/16" hex wrench, loosen and remove all four mounting screws from each gear segment.
5. Discard screws and gear segments.



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### INSTALL NEW GEAR SEGMENTS

6. Apply Anti-Seize to threads and under heads of all mounting screws.  
**Hint:** Hold the screw on a standard hex wrench (not ball-end) to apply anti-seize.
7. Loosely install one screw through reel end and into each end of each of the (4) gear segment (total of 8 screws).
8. Rotate the spool so the joint between the first pair of gear segments is adjacent to the level wind gear.
9. Snug the screws in a “star” pattern, rotating the spool so each pair is adjacent to the level wind gear when being tightened.
10. Continue tighteneing in a star pattern, gradually increasing torque until the first (8) screws are tightened securely.
11. Rotate the spool to check for proper clearance with the motor gear and level wind gear.
12. Install the remaining (8) in a star pattern, gradually increasing torque until all screws are tightened securely.
13. Apply grease to all gear teeth of the four segment gears.

### REINSTALL WEATHER SHIELD AND GEAR GUARD

14. Rewind hose back on spool.
15. Replace Weather Shield, if provided
16. Replace Gear Guard
  - a. For Gear Guards secured by Bolts: Install bolts and lock washers and tighten securely.
  - b. For Gear Guards secured by Locknuts: Tighten locknuts securely.

Use the camera on your smart phone or device to scan the following QR codes to access additional instructions and videos.

#### Form 1176-IOM, Operation and Maintenance Manual



#### ME9000-GSK, Gear Segment Kit Installation VIDEO

