

### **Purpose**

The purpose of this EDOC is to provide an overview of how to change the end truck speed from 40 ft/min to 80 ft/min and vice-versa.

### **Scope**

This overview includes end trucks with the Speed Code of L (40 ft/min) or S (80 ft/min). This overview does not include end trucks with the Speed Code of H (120 ft/min) or D (dual speed 20-80 ft/min). *[THE SPEED CODE IS THE 3<sup>RD</sup> CHARACTER IN THE END TRUCK'S PRODUCT CODE. EXAMPLE: UML-3-0235 HAS THE SPEED CODE OF L, DESIGNATING 40 FT/MIN.]*

There are two models of gear-motors, G1 and G1D. See the nameplate on the gear-motor to determine the model.

### **G1 Gear-Motor**

- 0.33 Hp Motor: Change Gear #2 in the gearbox, and remount the gear-motor rotated 180 degrees from its original position.
- 0.50 Hp Motor: Same as 0.33 Hp Motor.
- 1.0 Hp Motor: Change Gears #2 and #4 in the gearbox, and remount the gear-motor rotated 180 degrees from its original position.

### **G1D Gear-Motor**

- 0.33 Hp Motor: Change the Rotor Assembly and its pinion-end Bearing, change Gear #2 in the gearbox, and remount the gear-motor rotated 180 degrees from its original position.
- 0.50 Hp Motor: Change the Rotor Assembly, change Gear #2 in the gearbox, and remount the gear-motor rotated 180 degrees from its original position.
- 1.0 Hp Motor: Change the Rotor Assembly and its pinion-end Bearing, Gears #2 and #4 in the gearbox, and remount the gear-motor rotated 180 degrees from its original position.

### **Kit and Part Availability**

Consult Factory for the required kit and/or part numbers.

END