

# HUBBELL MOTOR

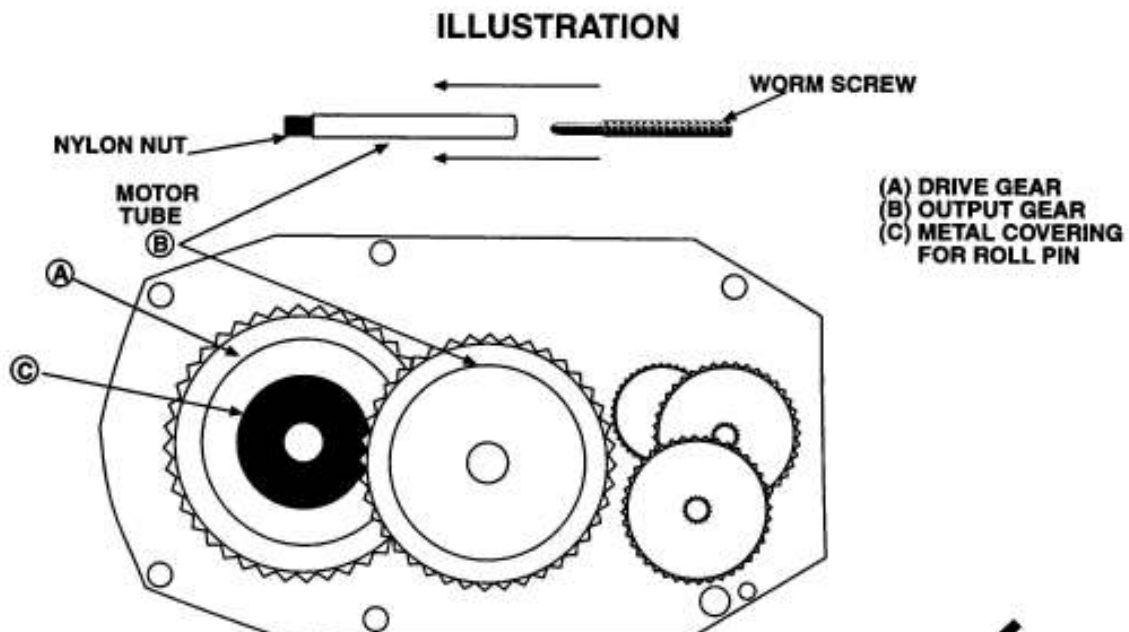
## GEAR REMOVAL & INSTALLATION INSTRUCTIONS

### TO REMOVE GEARS:

1. Remove motor from lift chair by pulling two pins. One pin is located at the base of the motor and the other pin is located at the end of the screw tube.
2. Remove the two screws from the outside of the electrical cover that sits on top of the gear housing.
3. Remove the six screws that hold the gear housing cover to the motor's base. Fold the gear housing cover back.
4. Remove the output gear (B).
5. Remove the washer and bearings that are on the shaft end of the drive gear (A). Remove the metal covering from around the roll pin (C).
6. Use a 5/16 punch to knock out the roll pin in the drive gear (A).
7. To remove the drive gear, tap gently on the end of the worm gear until the drive gear (A) comes completely off.

### TO ASSEMBLE GEARS:

1. Reverse the top seven steps.
- \*\*\* When replacing tube, gears must be pulled off and the worm gear taken completely away from the motor. The tube must have screw (worm gear) started through from unthreaded end. (See illustration)



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## MOTOR TIMING & INSTALLING INSTRUCTIONS

The motor is a powerful electrical mechanism. Injury or damage may occur if not properly handled and installed. We have trained personnel who can assist you, so please do not hesitate to call if you have any trouble reinstalling the motor.

Motors are equipped with limit switches which allow the motor tube to run in and out only so far, before stopping.

1. Reconnect the motor base to the base of the chair, while the chair is on it's side.
2. Hand screw the tube down toward the motor housing (hub) until there is 1/4 to 3/8 inches between the tube and the hub. (Do not let the end of the tube jam against the hub.)
3. Plug the motor cord into the electrical socket.
4. Hold the hand control switch in the down position and let the motor "free-turn" until the motor stops itself; then release the switch.
5. At this point, grab hold of the tube and push the up part of the switch, the tube should start going out from the hub. Take the tube out as far as is needed to put the pin in at the end of the tube - fully connecting the motor. At this point, when the chair is turned over, it should go as high and back as far as when the chair was new.

