

M075.0

IARP GEAR MOTOR REPLACEMENT

7/19/06

Models Affected: All IARP 5S Rotary Coolers

Reason: To provide a set of instructions to replace Gear Motor in the Rotary Cooler

Order: 1 - 0221124 **Gear Motor**

Installation instructions:

1. Remove power to the cooler by turning the toggle switch at the back of the cooler to the off position (see “2” in Figure 1) or by unplugging the Cooler.
2. Remove the top plastic cover by removing the three (3) screws at the back of the unit marked with a “1” in Figure 1 and the 3 top screws marked with a “1” in Figure 2.

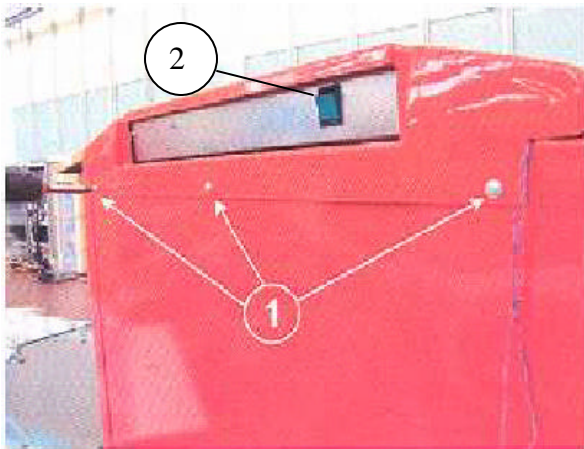


Figure 1



Figure 2

3. Remove the Drive Cog Belt by,
 - a. Unscrewing the two (2) nuts marked with a “2” in Figure 3.
 - b. Remove the setting screw marked with a “3” in Figure 3.
 - c. Loosen the three (3) screws marked with a “4” in Figure 3.

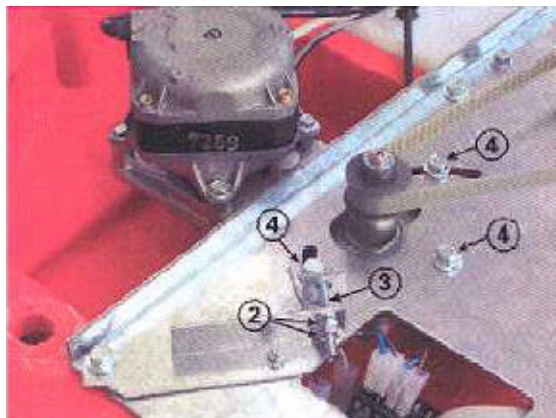


Figure 3

- d. Rotate the Motor with the Gear Box clockwise in order to release the Drive Cog Belt. Remove the Drive Cog Belt. See Figure 4.



Figure 4

4. Remove the Small Cog Wheel. See Figure 5.

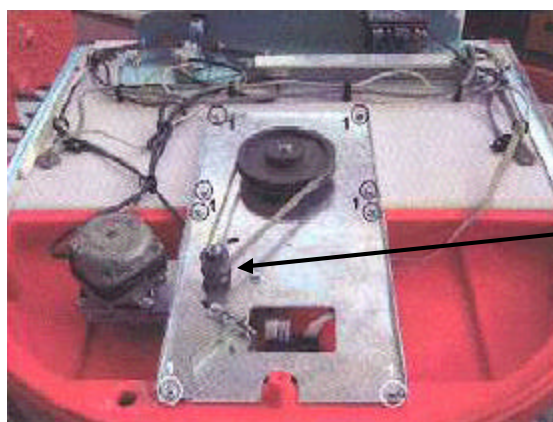


Figure 5

5. Remove the eight (8) screws securing the Motor Gear and Transmission Group Base Plate. See screws marked with a “1” in Figure 5.
6. While supporting the Gear Motor remove the three (3) screws marked with a “4” in Figure 3.
7. Carefully lift the Motor Gear and Transmission Group Base Plate up high enough to remove the Gear Motor.

Installation instructions:

1. Identify Gear Motor to be installed is the new Gear Motor.
 - a. Look for the number 40181305 below the CE symbol on the label on the bottom of the Gear Motor. See Figure 6.

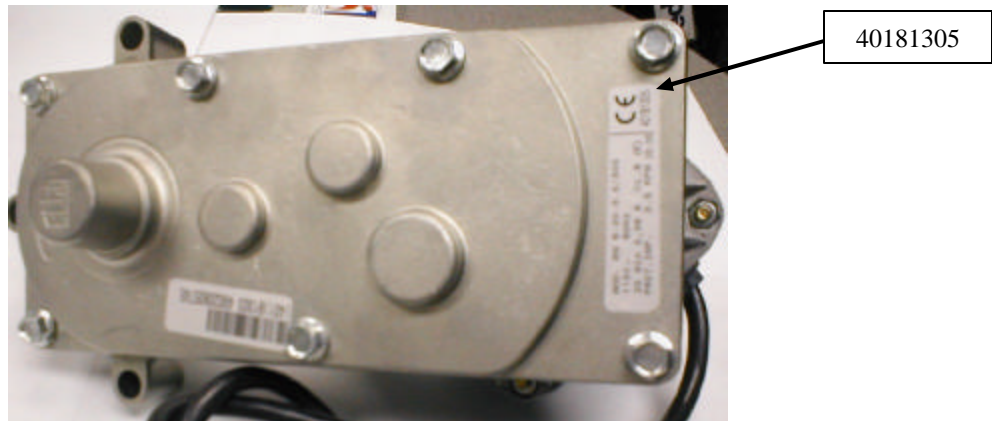


Figure 6

2. Carefully lift the Motor Gear and Transmission Group Base Plate up high enough to place the Gear Motor in position. See Figure 5.
3. While supporting the Gear Motor install the three (3) screws marked with a “4” in Figure 3. Do not tighten at this time.
4. Install the eight (8) screws to secure the Motor Gear and Transmission Group Base Plate to the top of the Cabinet. See screws marked with a “1” in Figure 5.
5. Install the Small Cog Wheel to the Gear Motor. See Figure 5.
6. Install the Drive Cog Belt on the Large and Small Cog Wheels.
7. Rotate the Motor with the Gear Box counter clockwise in order to tighten the Drive Cog Belt.
8. Tighten the three (3) screws marked with a “4” in Figure 3.
9. Install the setting screw marked with a “3” in Figure 3.
10. Tighten the two (2) nuts marked with a “2” in Figure 3.
11. Apply power and test for proper operation before installing top plastic cover.
12. If operating properly install top plastic cover and secure with the three (3) screws at the back of the unit marked with a “1” in Figure 1 and the 3 top screws marked with a “1” in Figure 2.