

## ***Life Fitness 9100 Series Heartrate and Telemetry Equipped Treadmills*** **How To...REMOVE AND REPLACE THE DRIVE MOTOR**

Tools Required: Standard screwdriver, hex key wrench set, straightedge

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### **Step 1**

Turn the power OFF at the switch and by unplugging the unit at the electrical outlet.

### **Step 2**

Remove the four SCREWS securing the MOTOR COVER in place and set COVER aside.

### **Step 3 (Figure 1)**

Insert a standard screwdriver into the slot on the front of the IDLER LEVER and lift upwards to relieve tension from the DRIVE MOTOR BELT. Remove BELT from the DRIVE MOTOR PULLEY.

### **Step 4**

Disconnect the 6-PIN CONNECTOR of the DRIVE MOTOR HARNESS and remove the CONNECTOR from the bracket securing it to the FRAME.

### **Step 5 (Figure 2)**

Remove the two SCREWS and NUTS securing the HOLD DOWN CLAMPS at the front and rear of the DRIVE MOTOR.

### **Step 6**

Lift the entire DRIVE MOTOR ASSEMBLY off of the FRAME CRADLE and remove it from the machine.

### **Step 7 (Figure 2)**

Loosen the two SET SCREWS securing the DRIVE MOTOR PULLEY to the MOTOR SHAFT and transfer the DRIVE MOTOR PULLEY from the worn DRIVE MOTOR to the new. (Do not tighten the the SET SCREWS at this time.)

### **Step 8**

Partially reassemble the DRIVE MOTOR ASSEMBLY by reversing Steps 3 through 6.

### **Step 9 (Figure 2)**

Use a straightedge to align the DRIVE MOTOR PULLEY with the FRONT ROLLER PULLEY. Once the alignment is exact, tighten the two SET SCREWS on the DRIVE MOTOR PULLEY to secure it to the SHAFT of the new DRIVE MOTOR.

### **Step 10**

Reverse Steps 1 and 2 to return the unit to operation.

*Continued*