



## **Product Support Bulletin**

### **P0210485 – Removal and Install of Drive Hub Assembly 04/21/08 ml**

#### **Removal and Install of Drive Hub Assembly – P0210485**

1. Take off the side panels.
2. If applicable, remove the step chain retainers.
3. While supporting the pedal arm, disconnect the pedal return spring from its hanger. Raise the step chain up and off the drive sprocket and let pedal arm rest on floor. Repeat for opposite side.
4. Take off the snap ring that is on the end of the drive shaft located on the user's left side of unit.
5. Take off the drive chain.
6. Take off the drive sprocket, thrust washers and thrust bearings from the shaft of the hub assembly, from the user's left side.
7. Slip the drive shaft to the user's right, out of the hub assembly. (IF you are only inspecting for wear rather than replacing the drive hub assembly and you remove the right side drive sprocket from the drive shaft, BE SURE not to confuse it with the left side drive sprocket)
8. Unbolt and take off the last two bolts/nuts that hold the hub to the frame. Take off the hub assembly.
9. Reinstall by reversing the procedure. Keeping an eye that the drive sprockets are in correct position by ensuring the wide shoulder of each sprocket is facing away from the hub on both sides.
10. Check for proper chain tension. It may be necessary to rotate the hub of the drive hub assembly so that the marked hole on the hub is at the 12 o'clock position. You will need to have in this position and line up holes in the hub with the four mounting holes of the frame. This hub position needs to be used for the install of the drive chain because of the minimal distance between the drive shaft and transmission shaft. You know the hub is in the correct position when the drive chain has 1" to 1 1/2" of play at its slackest point.
11. Put side panels back on.



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