### Required Tools (not included):
- 4mm or a 5/32 Allen wrench
- 5mm or a 3/16" Allen wrench
- Rubber mallet or soft piece of wood
- Slotted screwdriver
- Tape
- Wire, such as a coat hanger

### Replacement components:
- New head assembly
- New strap (if needed)

### Caution:
Wear ANSI approved safety glasses for this operation

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**Removing the strap**

1. Untie the knot near the orange pull handle.
2. Remove the long strap coming from the orange pull handle. Do not remove the short strap that connects the pull handle to the ball at the end of the shaft.
3. Separate the tool by pulling the silver tube from the black tube as shown.

4. Loosen the clamp bolt and flip up the lever; both 4mm or 5/32 Allen wrenches work.

5. Slide the clamp from black fiberglass tube on to the silver aluminum tube. If it sticks, you may have to use a soft piece of wood or a rubber mallet to tap the clamp forward. Remove clamp.

6. Remove plug by using a soft piece of wood and a mallet.

7. Do not untie the knot on the clamp.
8. Remove the head from the pole by swiveling head to the position shown and tapping the head out gently with a rubber mallet or a piece of soft wood. Remove the strap from the old head and pulley.

9. Rethread the strap through new head noting the direction of the strap. Set the head down with the strap - avoid twisting the strap.

10. Insert a wire through the raised slot in the silver tube and push it all the way out the end of the tube toward the head.

11. Tape the strap that is threaded through the head onto the wire that was just pushed through the silver tube.
12. Gently pull the wire back through the raised slot.

13. Continue pulling the strap and remove the taped wire.

14. Align head with silver tube taking care not to twist the straps.

15. Tap the head back onto the silver tube.

16. Take the strap that was fed through the raised slot and guide it under the clamp.

17. Once it is under the strap, pull snug so the strap does not twist.

18. Align the black tube to the silver tube and slide up over plug.
19. With the black tube in place, slide the clamp to the black tube.

20. Tighten with an Allen wrench and flip down the lever.

21. Run the end of the strap under the handle.

22. Use a paper clip or wire to pull the strap through the slot.

23. Guide the strap through the bottom slot.
24. Pull the strap through.

25. Loop the end of the strap around and go through the top slot; use a paper clip or slotted screwdriver to push the strap through.

26. Pull through the slot, the strap will tighten on the handle.

27. Tie a knot in the end of the strap as shown. Make sure to leave a one inch tail. This is necessary to keep it from slipping back through the handle.

DO NOT overtighten strap or blades will not open fully.

When adjusted properly, the black circle on the head will be mostly visible.