

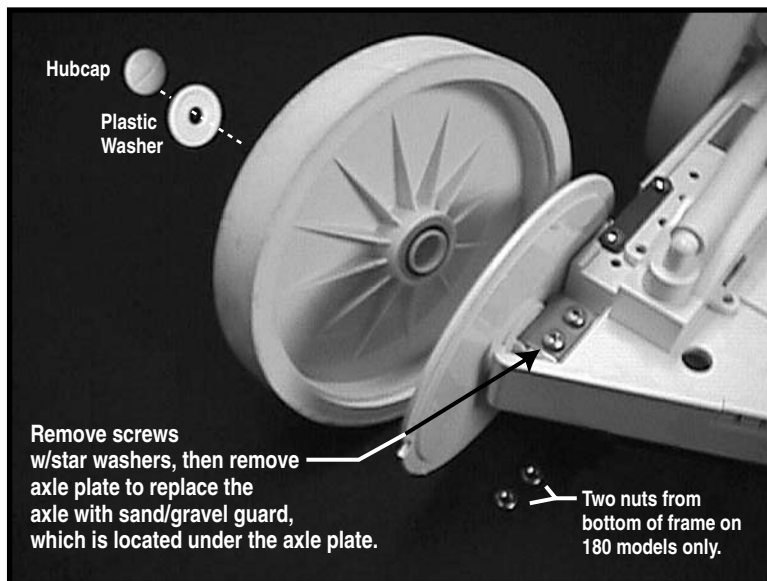
# Axle with Sand/Gravel Guard Kit Replacement Guide

*Pentair Replacement Parts for Polaris® — (for 280 & 180 Models)*

## IMPORTANT SAFETY INSTRUCTIONS *READ AND FOLLOW ALL INSTRUCTIONS* SAVE THESE INSTRUCTIONS

The axle with the sand/gravel guard, is only used on the two drive wheels of the cleaner and are designed to keep small debris from jamming the drive shaft and wheels.

1. Turn off the cleaner and remove it from the pool.
2. Remove the bottom from the frame (180 Models only).
3. Remove the top cover. Remove the drive wheel, and the axle that needs to be replaced, discard the old axle. (For the 180 Models, keep the two nuts that are beneath the frame when removing the axle screws.)
4. Place the new axle in position on the frame with the offset portion of the axle pointing toward the back of the cleaner.
5. Place the stainless steel plate on top of the axle with the smooth side facing up, turn the axle screws (with locking washers) through the axle plate, axle and frame. (For the 180 Models, reinstall the two bottom nuts onto the axle screws.)
6. Reinstall the wheel, adjust the wheel drive shaft by engaging the wheel to the shaft and backing off 1/16 in. Tighten the axle screws.
7. Spin the wheel to double check the gear engagement. If the adjustment is too loose, the gears will slip, if too tight, they will bind.
8. Reassemble the cleaner.



**SAVE THESE INSTRUCTIONS.**

**Pentair Water Pool and Spa™**

1620 Hawkins Ave., Sanford, NC 27330 • (919) 566-8000  
10951 W. Los Angeles Ave., Moorpark, CA 93021 • (805) 523-2400

 **Pentair**  
Pool Products®  
*Because reliability matters most*

© 2005 Pentair Water Pool and Spa Incorporated. All rights reserved. Information in this document is subject to change without notice.

**Trademarks and Disclaimers.** Pentair Pool Products logo is a registered trademark of Pentair Water Pool and Spa Incorporated. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Pentair Water Pool and Spa disclaims any proprietary interest in trademarks and trade names other than its own.