

## **Replacing Bypass Lift Guide: Keystone Model 204/ Palladian Model 202**

Please read all the instructions before you begin the procedure. Confirm that you have all the necessary tools and parts. Allow about half an hour to complete. If you have any questions technical support is available toll free at 1-800-866-4344, Monday – Saturday 9 a.m.- 5 p.m. ET

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### **Tools Needed:**

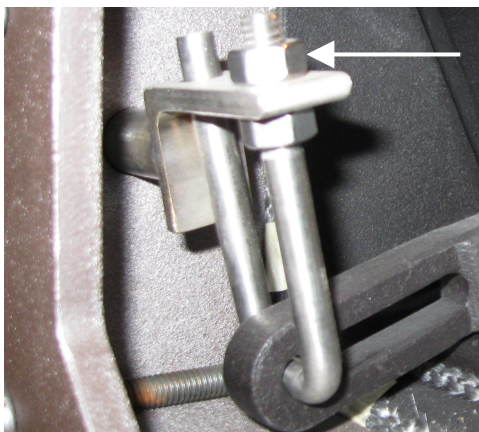
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- 1/2" wrench
- 1/2" socket
- 5/32" allen wrench
- safety glasses
- WD-40, PB Blaster, FreezeOff, or similar penetrant

### **Materials:**

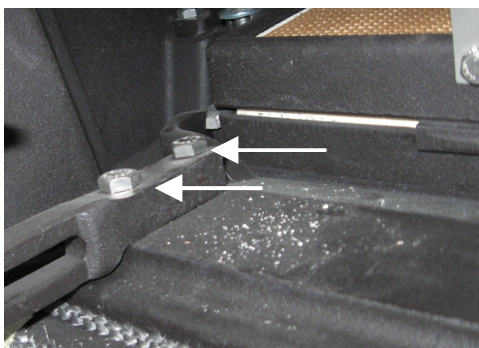
- W-254 Keystone/ Palladian lift guide
  - (2) 5/16"-18 x 1" bolts
  - anti seize compound
1. Make sure the stove is cool. Remove the cover plate (from either the top or the back depending on your stove pipe) on the Keystone/ Palladian using a 5/32" allen wrench.



2. Treat all hardware to be removed with penetrating liquid. Allow it to stand at least 15 minutes. Use a 1/2" wrench to remove the nuts that attach the u-bolt to the bypass shaft and lift guide. Remove the u-bolt. Pay attention to the direction the u-bolt was installed.



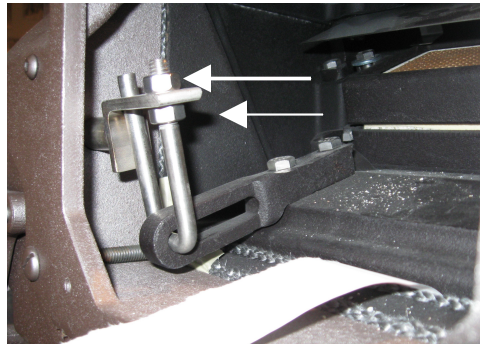
Remove the (2) bolts that attach the lift guide to the bypass cover with a 1/2" socket.



3. Install the new lift guide with the supplied bolts. Apply anti seize compound to the threads of the bolts.
4. Push the U-bolt through the new lift guide. Be sure it is installed in the proper direction with the threaded leg toward the center of the stove. Now push the U-bolt back through the bypass shaft and fasten with the nuts.



5. Test the seal between the bypass cover and the gasket using a slip of paper. Close the bypass cover on the paper. There should be enough resistance on the paper to slightly curl it when it is pulled out. To increase pressure on the bypass door, loosen the top nut on the U-bolt, and then turn the bottom nut counter clockwise. To decrease pressure on the bypass door turn the bottom nut clockwise, and do the same to the top nut. Make small adjustments until the proper seal is reached.



When properly adjusted, you should have to apply some pressure to the bypass lever to close the cover completely.

6. Replace the cover plate.
7. Enjoy your stove.

**We need your help!** Woodstock Soapstone Co. takes pride in providing the highest quality products as well as the best customer service in our industry. We welcome your suggestions and input to help us achieve these goals. If you have any comments to improve our products, service, and information provided in these instructions please contact us at (800) 866-4344 or [info@woodstove.com](mailto:info@woodstove.com). Thank you.