

## Bypass Cable Replacement Princess Insert (PI1010ABK) • Bypass cable repair kit (Z0053)

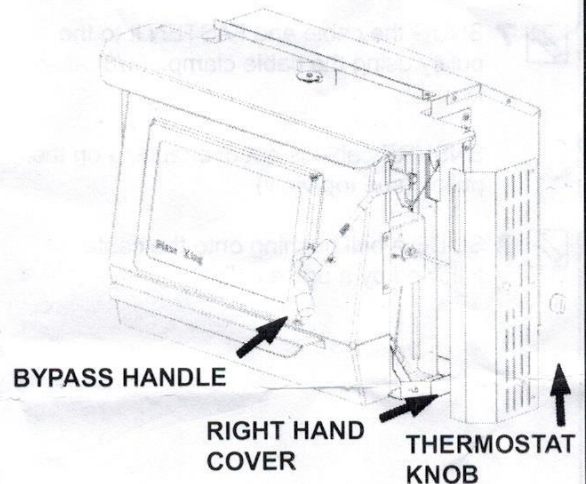
### Bill of materials

- 1 - 33" aircraft cable c/w swedge on 1 end
- 2 - 8x32 cap screw
- 1 - brass set collar
- 2 - s/s ball bushings
- 1 - 10 guage cable clamp

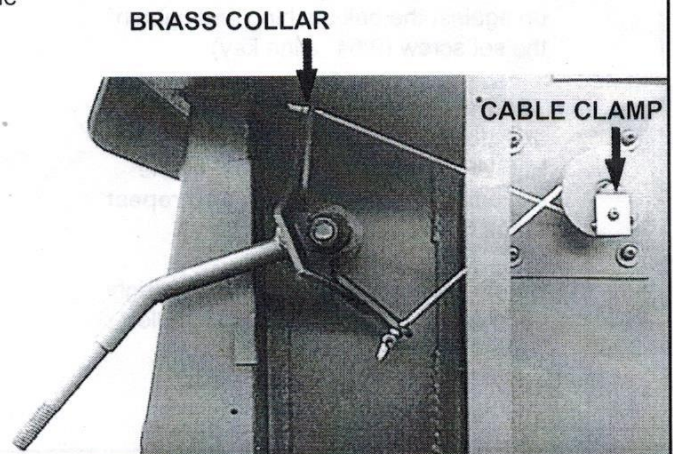
### Tools required

- #2 Robertson screwdriver
- 3/32" allen key
- 1/8" allen key
- 9/64" allen key

-  **1** PULL the stove out from the fireplace so you can gain access to the cable pulley.
-  **2** UNSCREW the bypass handle. UNSCREW the thermostat knob (3/32" allen key) and remove. **NOTE position of dial when removing.**
-  **3** UNSCREW right hand cover from stove (3 screws, use #2 Robertson)



-  **4** REMOVE the old cable from the stove by removing a brass collar and ball bushing. REMOVE the cable clamp from the stove. (1/8" allen key)



|                                |                           |          |                                                                                     |                                                                                       |                                                                                       |                                                                                       |              |
|--------------------------------|---------------------------|----------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|
| STANDARD WORK                  | Bypass cable change       | ICON:    |  |  |  |  | Version 1.03 |
| VALLEY COMFORT<br>SYSTEMS INC. | PI1010ABK Princess Insert | MEANING: | Safety                                                                              | Instruction                                                                           | Alert                                                                                 | Quality                                                                               | Page: 1 of 2 |

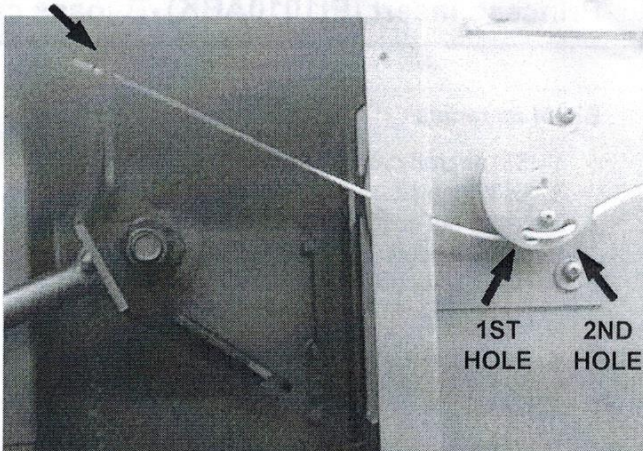


⚠ ENSURE the bypass handle is at its lowest position, with the top lever hole at its highest

✎ **5** INSERT a ball bushing onto the cable, and insert the cable through the top hole on the bypass lever going from front to back.

✎ **6** FEED the cable through the opening. Wrap cable counterclockwise, feeding it out through the 1st hole, then back in through the 2nd hole.

**TOP HOLE WITH BALL BUSHING**

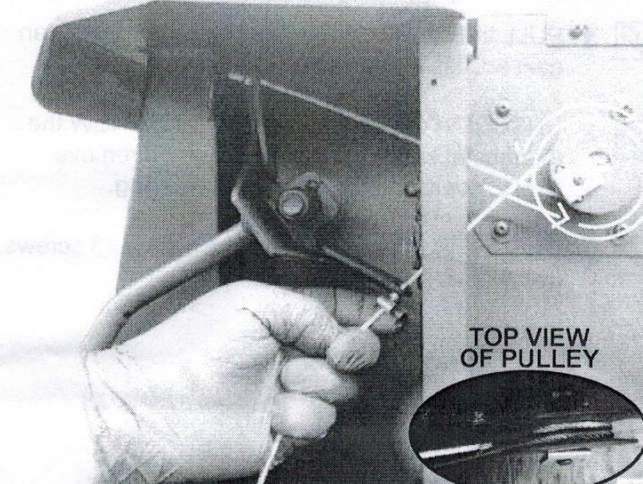


1ST HOLE 2ND HOLE

✎ **7** SNUG the cable and FASTEN it to the pulley using the cable clamp. (1/8" allen key)

⚠ ENSURE cable is not overlapping on the pulley (see top view)

✎ **8** SLIDE a ball bushing onto the cable followed by a brass collar

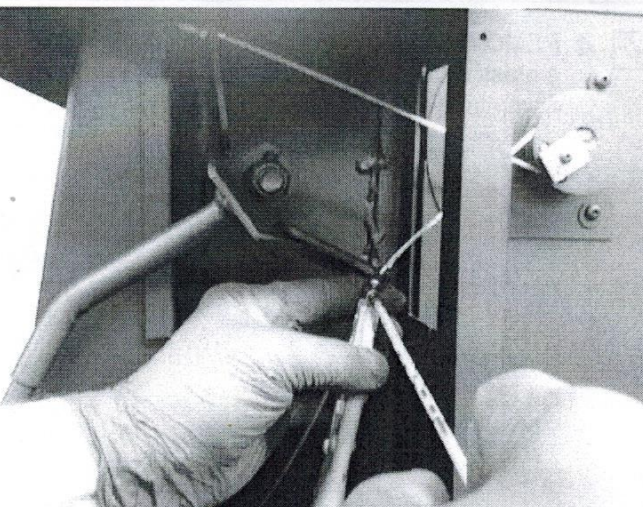


TOP VIEW OF PULLEY

✎ **9** GRAB the excess cable with vise grips and pull the cable tight. SNUG the collar up against the ball bushing and tighten the set screw (9/64" allen key)

Q TEST the handle position by opening and closing the bypass door ENSURE the handle does not hit the stove top, if it does **reverse and repeat steps 6 through 9**

✎ **10** Cut off excess cable. Reassemble right hand cover, knob and bypass handle.



|                             |                           |                                                                                           |                                                                                       |                                                                                       |                                                                                       |              |
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