



INSTALLATION DATA

10-660

FUSIBLE LINK REPLACEMENT

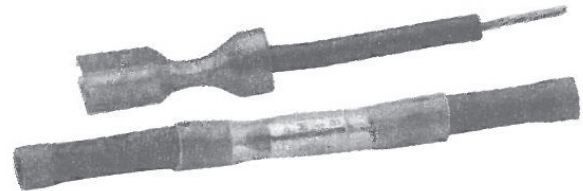
The Robertshaw® 10-660 fusible link replacement kit is identical to Carrier/BDP part number HY660001. The 10-660 also replaces Carrier/BDP part numbers P421-1010 and 307566-701. The 10-660 fuse kit is designed to be used on the following Carrier/BDP furnace models;

375A	397G	58SC
376A	397H	58DP
394G	58DH	58DR
395A	58GP	58SE
396G	58GS	58SS



CAUTION

THIS DEVICE SHOULD BE INSTALLED BY A QUALIFIED SERVICE TECHNICIAN WITH DUE REGARD FOR SAFETY AS IMPROPER INSTALLATION COULD RESULT IN A HAZARDOUS CONDITION.



PRE-INSTALLATION INSTRUCTIONS

1. Turn off all electrical power to the furnace being serviced.
2. The positioning of the 10-660 fuse(s) is very important. Follow the instructions given for the furnace model you are working on.
3. Determine the furnace model number from the furnace rating plate. Locate the model number in the list below and follow the instructions given.
 - A. Instruction 'A' covers model numbers; 394G, 395A, 396G, 397G, 397H, 58GP, 58GS, 58SC, 58DP, 58DR, 58SE & 58SS.
 - B. Instruction 'B' covers model numbers; 375A, 376A & 58DH.

INSTALLATION INSTRUCTIONS

INSTRUCTION "A"

1. Make sure all electrical power to the furnace is "OFF".
2. Remove access panel to the furnace controls.
3. Locate the fusible link - see figure 1. Disconnect it from the limit switch.
4. Cut-off the old fusible link, as close to the fuse as possible.
5. Strip 1/4" of insulation off of the end of the wire that had the fuse link. Insert it into the connector on the new fuse link and crimp the connection.
6. Locate the new quick connect wire that is included with the 10-660. Install it into the other end of the fuse connector and crimp the connection.
7. Reconnect the fusible link to the limit switch.
8. Be sure the new fuse is positioned as shown in figure 1.
9. Peel the backing off the "yellow" sticker and place it on the furnace as shown in figure 1.
10. Restore electrical power to the furnace, and turn wall thermostat to call for "heat".
11. Observe the furnace operation. Determine the cause for the fusible link to "open" i.e.: rollout etc. Correct the problem.
12. Replace the furnace control access panel.

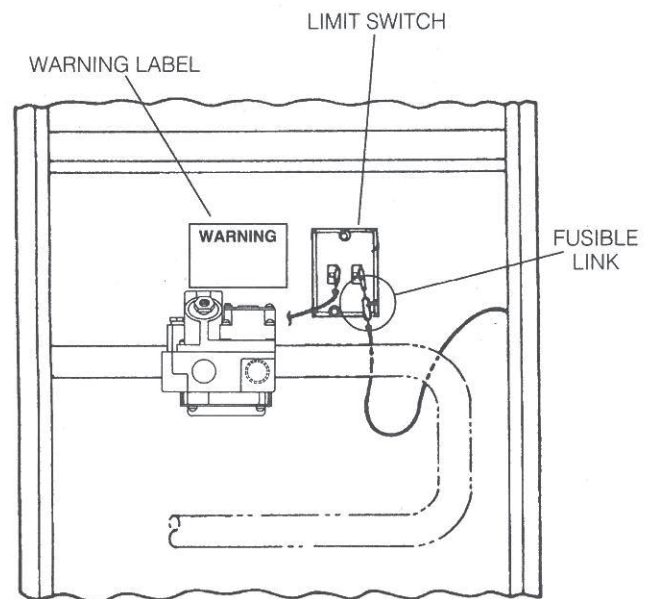


FIGURE 1

INSTALLATION INSTRUCTIONS (Cont'd)

INSTRUCTION "B"

These instructions are for the following furnace models only: 375A, 376A and 58DH. These 3 models of furnaces use (2) 10-660, one on the right-hand side (RH) and one on the left-hand (LH). See figure 2 for their exact locations.

REPLACING THE RIGHT-HAND FUSE LINK

1. Make sure all electrical power to the furnace is "OFF".
2. Remove access panel to the furnace controls.
3. Using a multimeter, check continuity of the fuse. If good, check left hand fuse.
4. Disconnect the old fusible link at the quick-connect, leaving the quick-connect attached to the furnace wire.
5. Cut off the old fusible link from the furnace wire. **Note:** cut as close to the old fuse link as possible. Strip 1/4" of insulation from wire.
6. Push the stripped wire from step 4 into the crimp connector of the new 10-660 fuse. Crimp these connections.
7. Route the furnace wire and fusible link through the wire clamp and position the fusible link as shown in figure 2.
8. Crimp the other end of furnace wire (one with the quick-connect) to the connector on the fusible link. Be sure fusible link is positioned as shown in figure 2.

WARNING: Failure to position the fusible link as shown in figure 2 can cause serious damage to the furnace and/or structure.

9. Peel backing off the "yellow" label provided and place it as shown in figure 2.
10. Replace control access panels.
11. Restore electrical power to furnace. Turn wall thermostat to call for heat.
12. Observe furnace operation. Determine cause for furnace link to "open" i.e. flame rollout. Correct the problem.

REPLACING THE LEFT-HAND FUSE LINK

1. Make sure all electrical power to the furnace is "OFF".
2. Remove access panel to the furnace controls.
3. Using a multimeter, check continuity of the fuse. If good check right-hand fuse.
4. Cut off the old fusible link from the furnace wire. Note: Cut as close to the old fuse link as possible. Strip 1/4" of insulation from remaining wire.
5. Push the stripped wire from step 4 into the crimp connector of the new 10-660 fuse. Crimp these connections.
6. Route the furnace wire and fusible link through the wire clamp and position the fusible link as shown in figure 2.
7. Crimp the other end of furnace wire (one with the quick-connect) to the connector on the fusible link. Be sure fusible link is positioned as shown in figure 2.

WARNING: Failure to position the fusible link as shown in figure 2 can cause serious damage to the furnace and/or structure.

8. Peel backing off the "yellow" label provided and place it as shown in figure #2.
9. Replace control access panels.
10. Restore electrical power to furnace. Turn wall thermostat to call for heat.
11. Observe furnace operation. Determine cause for furnace link to "open" i.e. flame rollout. Correct the problem.

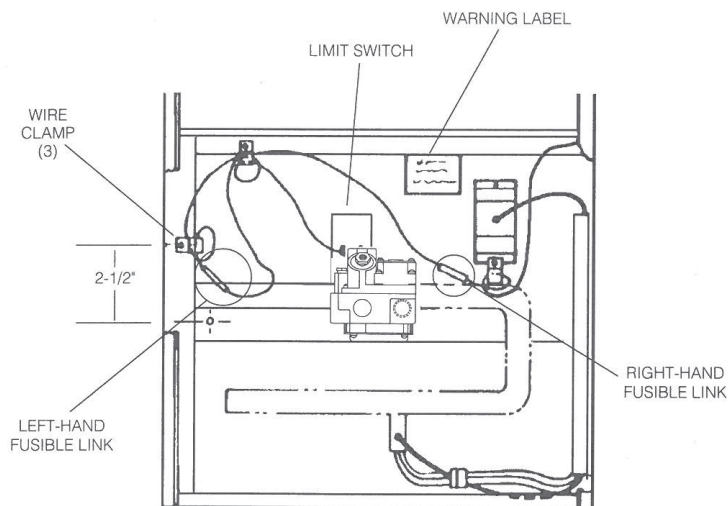


FIGURE 2



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