

**RF20N6ASE**  
**Thermal Fuse Relocation**  
**Temperature Fuse part number 1418420**

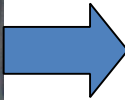
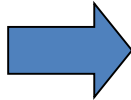
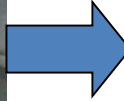
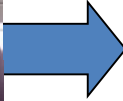
09-26-2017

**Note \* Please bring a Magnet to bypass door sensor for testing purposes**

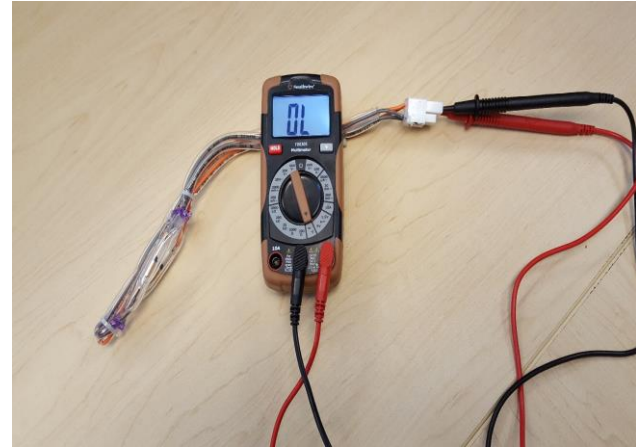
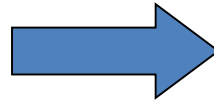
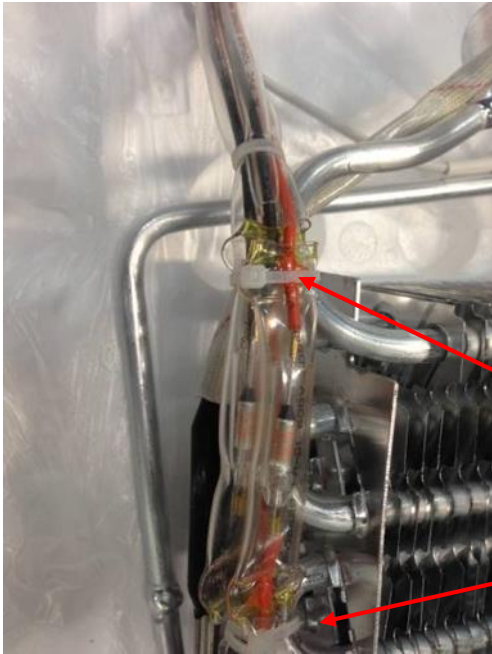
2. RF20N6ASE – Remove Freezer drawer then Remove 1 each Philips screw on each side of drawer door then lift door to remove it. !!!! – **Be very careful not to break the magnet holder attached to the right hand drawer rail.**



3. Remove 4 screws hold back panel in place.
4. Slowly pull back on the panel until you can disconnect the fan and sensor cables.

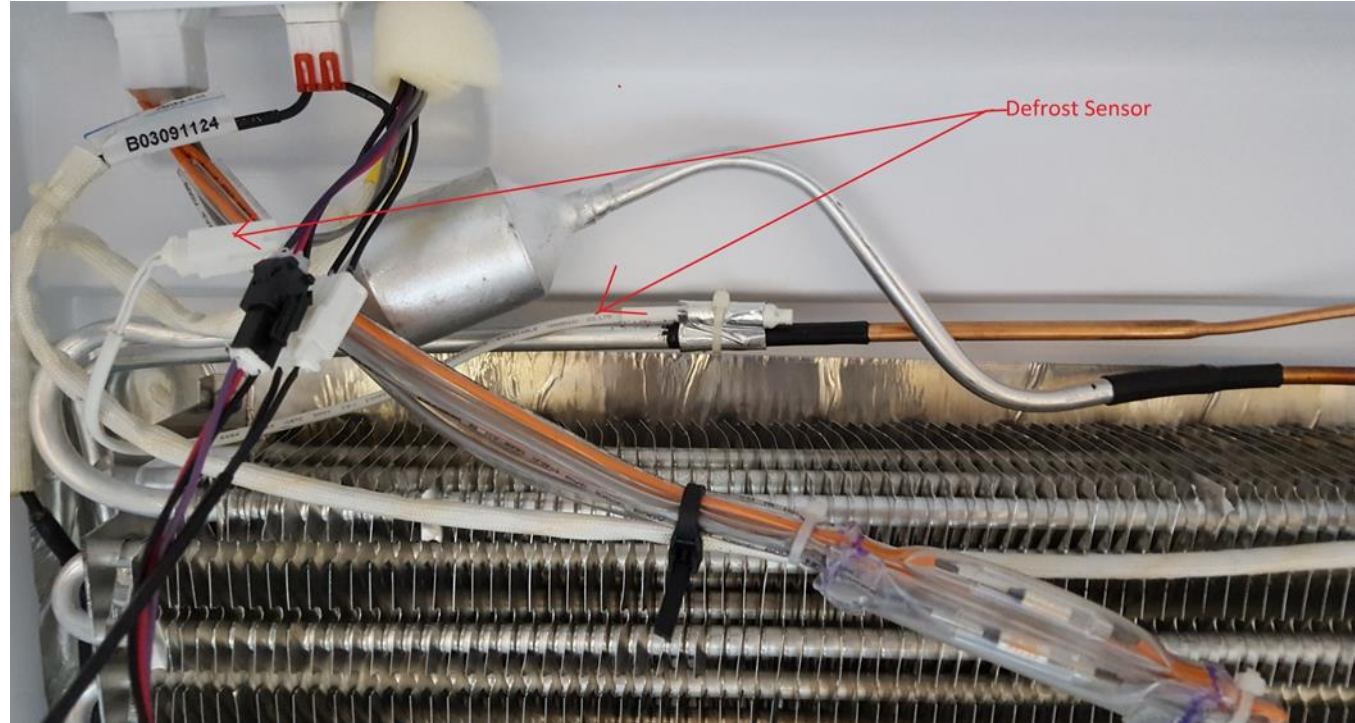
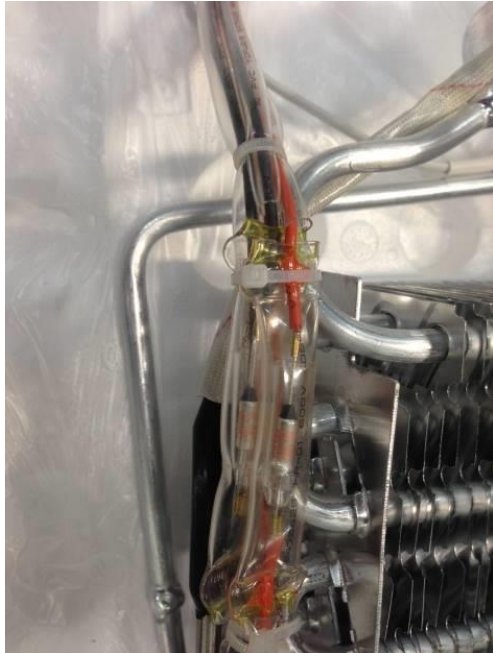


5. Cut the existing zip ties and unplug the fuse bundle. Test both fuses using Digital Multimeter and replace complete fuse bundle if either fuse reads open. Pairs are Orange-orange, Grey-Grey **temperature fuse part number 1418420**



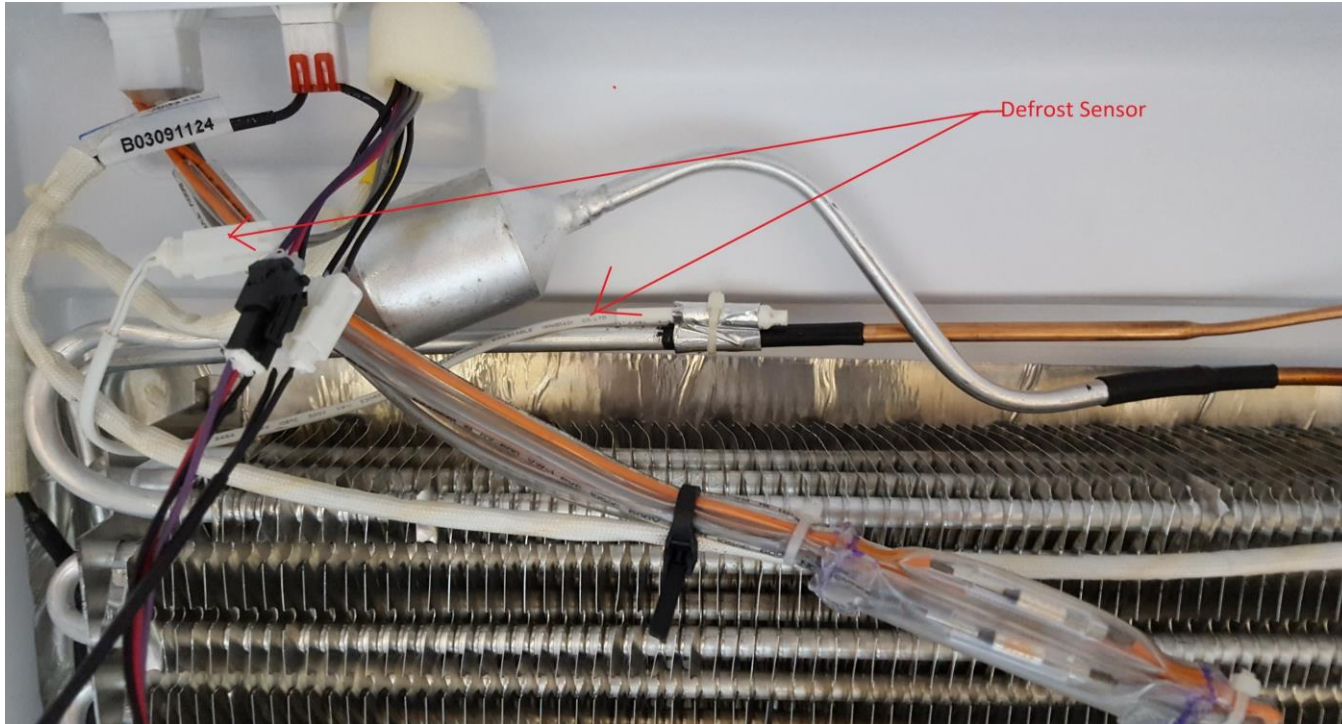
Cut Zip Ties

6. Replace fuse then relocate and fasten the new fuse near the top of the coils.





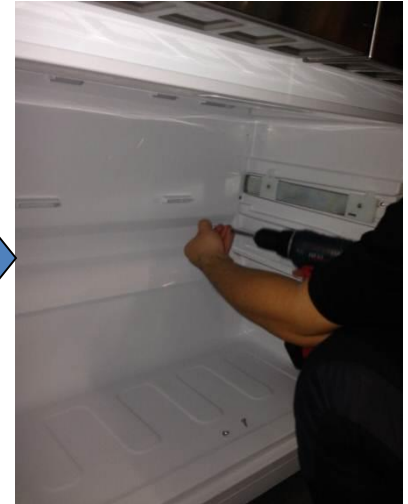
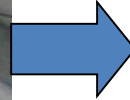
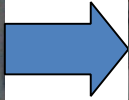
Remove and discard the original defrost sensor and replace with the new one at the same location.





After replacing or moving the fuse, test the heating element by first **resetting AC power** then opening and closing the right-hand door. Next press and hold the **Super Cool** and **Fridge** buttons at the same time for 30 seconds. You will see a **timer** on the left side of the display start counting down from 99. Now the heating element will begin to get hot. CAUTION!!! It will get **EXTREMELY HOT** if it is working correctly. Terminate test by resetting power to refrigerator.

6. Reconnect fan and freezer sensor.
7. Snap back panel in place then reinstall using 4 screws previously removed.
8. Make sure the top of the panel is installed behind the center tab.





8. Reinstall freezer drawers. Please make sure to inform the customer the refrigerator will need to be completely defrosted with the freezer door open before it will resume normal operation. This is to insure that ice is no longer blocking the cold air flow to the refrigerator. Also, make sure the freezer door gasket does not have any gaps and is completely sealed when the drawer is closed.



## Magnet Test

Hisense

Place a magnet approximately 2-3 inches from right refrigerator door hinge until interior light goes out. This will bypass open door sensor while keeping the left hand door closed. You should feel a small amount of air coming from the two vents in the center air channel. This will verify the freezer fan and damper are working correctly. This model is designed to shut off the fan and close the damper when the door is opened to keep the freezer cold.

