

# Service Bulletin

MAY 2009

REFRIGERATOR

REF 05-09

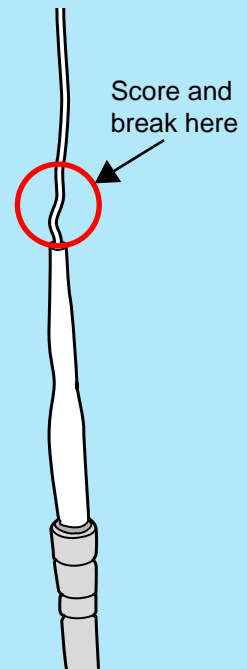
MODELS PFS22M, PFS22S  
FRENCH DOOR BOTTOM MOUNT  
SERIAL NUMBERS: AM & DM

## REFRIGERATOR "NO COOLING" or "INTERMITTENT COOLING"

"No cooling" or "intermittent cooling" on PFS22M and PFS22S French Door Bottom Mount refrigerators can sometimes be attributed to the condenser fan motor running slowly or not running at all. If diagnosis shows the electronic main board not providing a minimum of 7.5 VDC to the condenser fan motor with the wiring connected (circuit under load), the main board will need to be replaced.

In addition, refrigerators produced in January and February 2007 (serial AM and DM), where the main board has caused intermittent condenser fan operation, data shows the overheating due to poor airflow has contributed to sealed system restrictions and failure with compressors used in refrigerators produced during these two months.

Refrigerators with the serial AM and DM, where the condenser fan is not operating correctly, replace the mainboard (WR55X10656), compressor (WR87X10098) and evaporator (WR85X10057) to prevent future service calls for sealed system issues. When replacing the evaporator, cut the capillary tube at the solder joint of the original evaporator as shown in the illustration. Follow the standard sealed system repair procedures for a restriction, adding a filter drier (WR86X96) and performing a sweep charge before the final refrigerant charge. A sweep charge is defined as: Adding a small amount of refrigerant (2-3 oz.) to the system, running the compressor for a few minutes and recovering the refrigerant to ensure all contaminants and non-condensables are removed from the system.



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