

## Product Notice

Issued: 10/3/2011

**Summary of issue: Dual-action pull station activation handle**

**Level of urgency: Medium**

**Model numbers: All dual-action type pull stations**

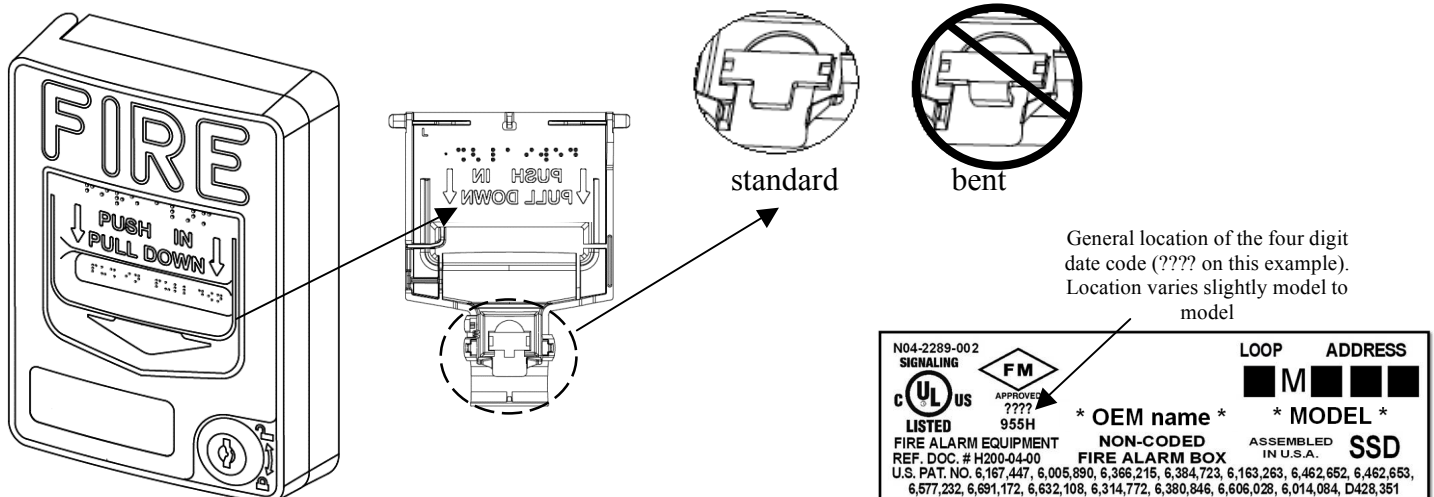
**Manufactured date range: July 2007 to January 2010 [date codes 7071 to 0011]**

System Sensor has been made aware of the potential for an issue with certain pull stations that were manufactured at our St. Charles, Illinois facility between July 2007 and January 2010. The affected models are of the “dual-action” type. These are clearly identified by the marking on the activation handle which reads “Push In - Pull Down” as shown in the drawing below. Single action pull stations, marked “Pull Down” only, are not affected.

The activation handle on these models made use of a molded-in tab that creates the need to push the handle in before pressing downward. Some customers have reported to us that the tab can become bent in such a fashion as to inhibit movement of the handle and inhibit activation. After review and investigation, it appears that the bent tab is the result of improper installation/operation and should be apparent during normal testing and inspection per NFPA. The incident rate is extremely low and does not appear to be tied to any specific material lot or environmental condition. A design change was made to the handle component in January of 2010 that eliminated this issue.

As a part of your annual inspections and system commissioning, inspection and testing of each pull station must be conducted in the manner in which it was designed to operate and as described in the installation manual: push in and pull down on the handle. As stated in Table 14.4.2.2, section 14 (e), of the 2010 edition of NFPA 72®: “Manual fire alarm boxes shall be operated per the manufacturer’s published instructions.” This manner is consistent with operation by a typical building occupant. The pull station must not be tested in a fashion outside of the operational design. Opening the door of the pull station and manually activating the alarm switch does not meet the intent of NFPA described above. If the pull station is not tested in the proper manner, a bent tab could be overlooked.

If the pull station actuates normally and a visual inspection of the tab shows it to be straight, then the pull station does not have this issue. System Sensor will, free of charge, replace under normal warranty terms any pull station exhibiting the condition described and manufactured with a date code range of 7071 through 0011.



If you have any questions concerning System Sensor products or their applications, please contact Technical Services at 1-800-SENSOR2 (736-7672), extension 2.