

Frost Fighter[®] 2010 Solder Tab Repair Instructions

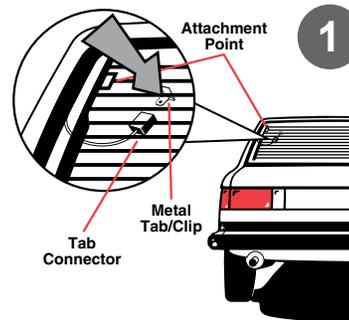
Tab Part No. 2010
Master Kit Part No 2700

www.frostfighter.com

The **Frost Fighter Solder Kit** is a solder paste used to re-solder separated main power tabs to automotive rear window defrosters. Frost Fighter lead free solder paste holds the defroster tab/clip in place during positioning and melts quickly when heat is applied. The kits no clean flux is safe for use on main power tabs.

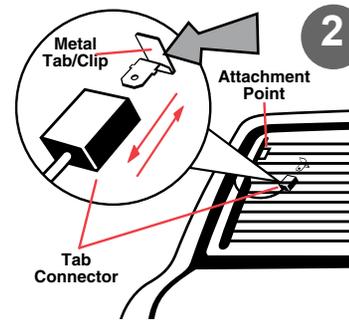
Each kit comes complete with fully illustrated instructions, sandpaper and enough solder paste to make several defroster tab/clip repairs.

**CONTAINS LEAD - DO NOT USE
ON WATER SYSTEMS**



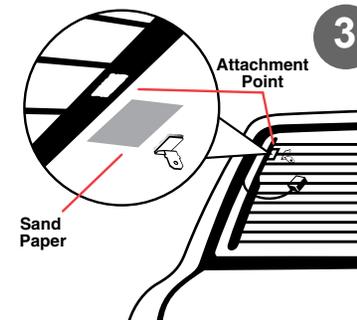
1 Locate tab/clip along edge of rear window

Turn defroster off. Locate the detached electrical tab/clip along rear window edge. The Frost Fighter Solder Paste Kit is used to re-solder main power tabs to automotive rear window defrosters. Only solder to metal on defrosters. If no metal exists then use the 2000 Frost Fighter Tab Kit.



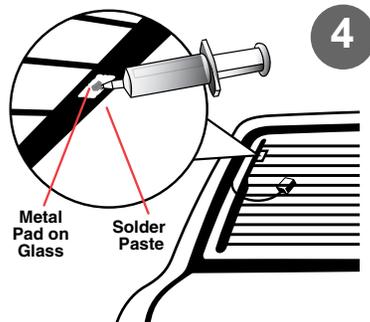
2 Remove the Tab/Clip from the connector

While the metal tab/clip is in the tab connector note the orientation of the tab on the defroster. Remove the tab/clip from the connector. Some connectors are locking and require care when disconnecting from the tab. If the tab/clip is missing or damaged replace.



3 Clean attachment point, base of metal tab/clip

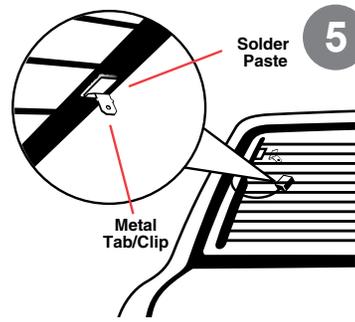
Clean, lightly sand the base of the metal tab/clip and the metal attachment point. If there is no metal on the glass use the Frost Fighter Tab kit. Clean both parts after sanding. **DO NOT OVER SAND THE DEFROSTER GRID. DO ALL BENDING AND ADJUSTING OF TAB/CLIP BEFORE SOLDERING**



4 Apply solder paste to attachment point

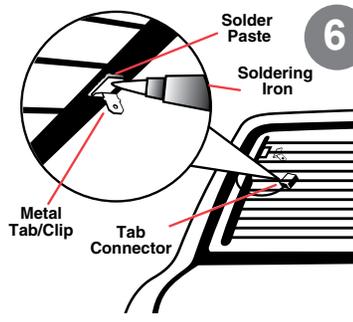
Apply a pea size amount of Frost Fighter solder paste to the cleaned metal attachment point on the window. It is critical that the tab/clip form a good electrical contact with the defrosters main power bar after soldering.

WARNING: Solder paste requires high temperatures that can break glass or cause burns. **User assumes all risk for broken glass.** Only solder to metal pads on defroster. If no metal exists then use the 2000 Frost Fighter Tab Kit.



5 Orient metal tab/clip on solder paste

Press the metal tab/clip into the solder paste. To solder effectively use a large iron (200 watts) and be sure the iron is fully heated before soldering. Use a damp cloth on the outside of the window to minimize the potential for heat damage.



6 Solder tab/clip in place

As the tab heats, which may take 30+ seconds, the flux will start to bubble and paste will melt or reflow. Do not remove the iron before reflow or the clip will drop. Use the wooden stick to hold the VERY HOT tab/clip in place and remove the soldering iron. Allow to cool several minutes before gently reconnecting the tab connector.

WARNING

This Product **CONTAINS LEAD** which is a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Lead may be harmful to your health. Federal and State laws prohibit the use of lead solder in making joints in any drinking water supply system. After handling solder, wash hands with soap and water before eating or drinking. Additional Technical Data Sheets and/or Material Safety Data Sheets (MSDS) are available upon request.

Warranty and Disclaimer:

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Troubleshooting Tips
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