

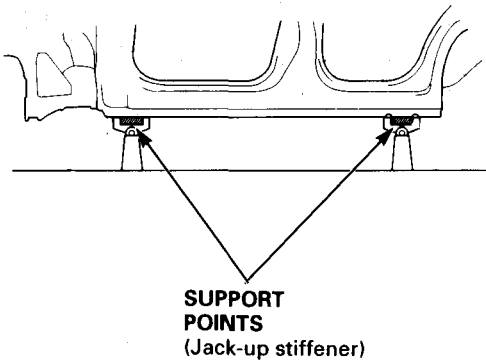
Reshape

Correction of the Damaged Area

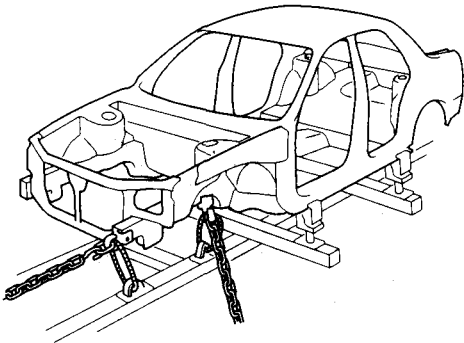
1. Remove any related parts.

NOTE: See the Service Manual.

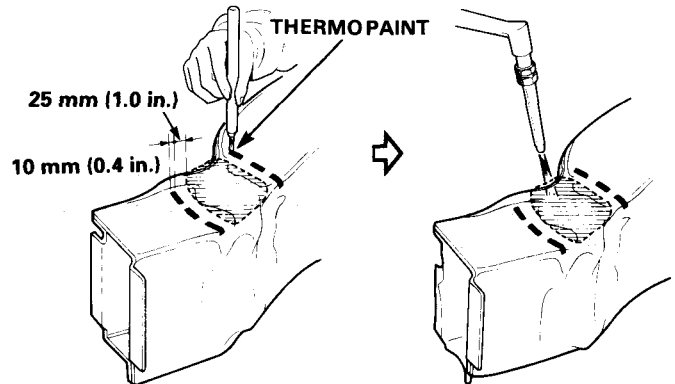
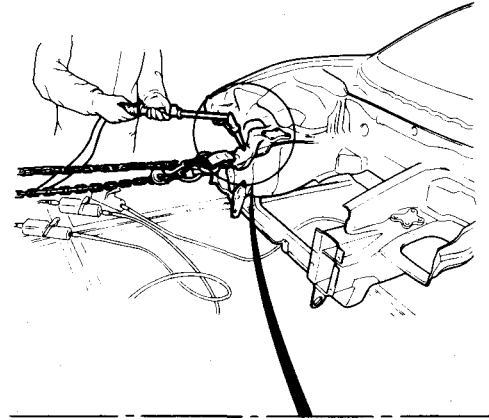
2. Connect the frame straightener to the vehicle body.
 - The side sill is flangeless to allow reshaping by pulling it out.
 - Use the horizontal pinch welds for anchoring the vehicle.



3. Pull out and straighten damaged areas.
Apply load to the damaged section, and pull on it until the section is almost restored to its original shape. Do not pull out more than necessary.



NOTE: As work-hardening occurs to the buckled section of the aluminum alloy, it can crack easily. Heat up the damaged section with an acetylene torch, and pull it out to reshape it. The melting point of the aluminum alloy is 1184°F (640°C). Take care not to overheat it. Watch the heating temperature using a thermopaint or heat crayon (see page 2-41).



4. Check that the part of the body is more or less restored to its original shapes. Check the original positions using the body dimensional drawings.

