

Bulletin No.: 05-08-51-008B

Date: April 23, 2007

TECHNICAL

Subject:

Bumps or Rust Colored Spots in Paint Due to Rail or Iron Dust (Remove Rail Dust)

Models:

1994-2007 GM Passenger Cars and Trucks (Including Saturn)

2003-2007 HUMMER H2

2006-2007 HUMMER H3

2005-2007 Saab 9-7X

Supersede:

This bulletin is being revised to add Saturn models. Please discard Corporate Bulletin Number 05-08-51-008A (Section 08 - Body and Accessories).

Condition

Visible rust colored spots or bumps on a vehicle's paint surface from rail or iron dust.

Cause

Rail dust comes from tiny iron particles produced from the friction between train wheels and the tracks and gets deposited on the vehicle surfaces. Iron dust can get deposited on the surface if the vehicle is stored near any operation producing iron dust such as a steel ore yard. Either material can lay on top of, or become embedded in the paint surface.

Correction

Because the severity of the condition varies, proper diagnosis of the damage is critical to the success of repairs. Diagnosis should be performed on horizontal surfaces (hood, roof, deck lid, pick up box, etc.) after the vehicle has been properly cleaned. There are two types of repair materials recommended to repair rail dust or iron dust:

GEL TYPE OXALIC ACID:

- Has the characteristics of the liquid type oxalic acid but stays where you put it because of its gel consistency.

CLAY TYPE NON-ACID BASED:

- Requires surface lubricant during use.

- Has different grades available.

If, upon inspection, some particles are still present, the various chemical manufacturer's processes can be repeated. After the removal process, small pits may remain in the clearcoat and can be corrected, in most cases, with a finesse/polish operation.

Procedure

Move the vehicle to a cool shaded area and make sure that the vehicle surfaces are cool during the removal process. DO NOT PERFORM THE REMOVAL PROCESS IN DIRECT SUNLIGHT OR ON A VEHICLE WITH HOT OR WARM BODY PANELS.

Wash the vehicle with soap and water. Dry it immediately and clean the affected areas with a wax and grease remover. Perform the removal process according to the chemical manufacturer's directions.

Once the damage has been repaired, the final step involves a polishing process. Use the chemical manufacturers shown, or equivalent. have an inflator/sealant kit.