

Service Information

Mazda Motor Corporation

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Category S	Technical	Ref. No. E023/09	Page 1 of 5
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued May 21, 2009	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised	
Applicable Model All Models		Applicable Countries or Specifications Worldwide	

Subject: Sealer Peeling from Rear Fender

DESCRIPTION

Some vehicles may experience sealer peeling from rear fender arch area.



CAUSE

Due to positioning the nozzle of high-pressure cleaner too close to the rear fender arch (closer than approx. 200mm), the sealer gets damaged during car wash.

MASS PRODUCTION CHANGE

No mass production change is planned.

REPAIR PROCEDURE

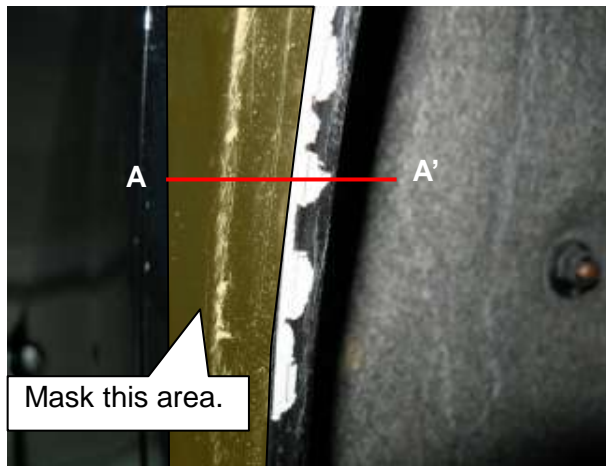
When you encounter a customer complaint on this concern, please inform the customer to use high-pressure cleaner with positioning the nozzle always more than 300mm away from the rear fender arch, otherwise the sealer gets peeled off and may result to cause corrosion. Please refer to the following procedure for repair.

Note: This repair is not covered by warranty.

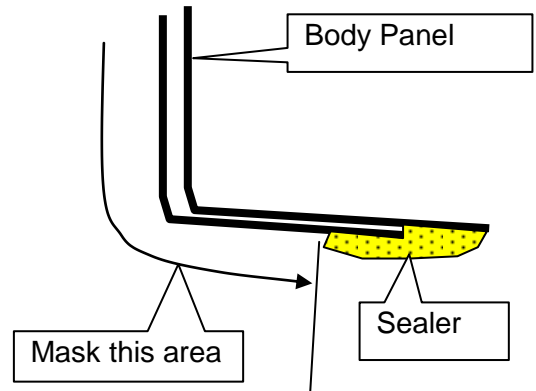
Sealer Repair Procedure

1. Clean the rear fender area.
2. Remove the tire.
3. Apply masking tape along the rear fender arch as shown below.

Rear Fender Arch



A-A' Cross section



4. Check damage of the paint and sealer.

A) If only the paint is damaged
(No damage on sealer)

- (1) Sandpaper the surface of damaged area (#320 is recommended).
- (2) Mask the area not to be painted.
- (3) Repaint over the damaged area.

Paint damage only



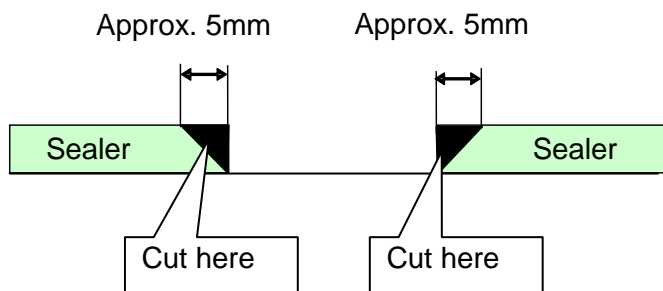
B) If the sealer is damaged/peeled

Peeled Sealer



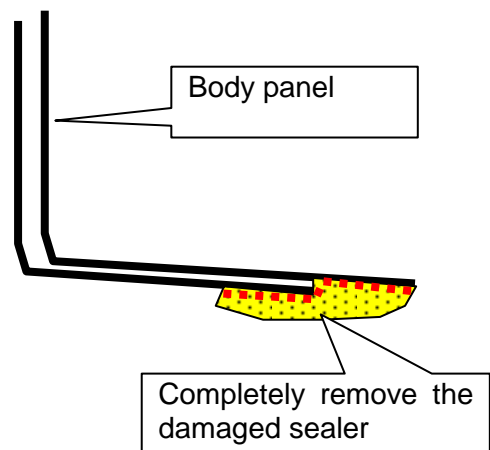
- (1) Remove the damaged sealer from the body panel, and then cut both ends at an angle as per the image below. If primer layer is damaged, apply touch-up primer to ensure proper anti-corrosion treatment.

Sealer cut image

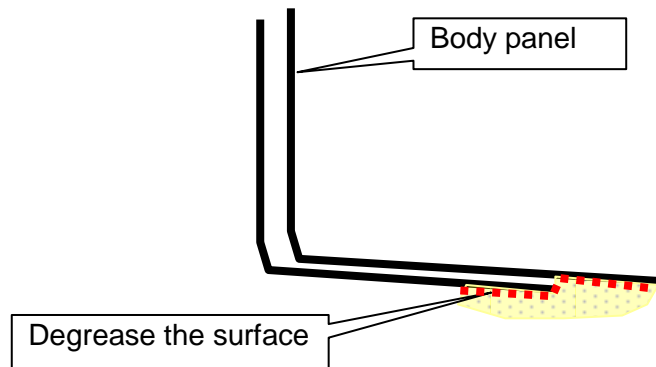


- (2) Ensure to remove all damaged, loosen or flaking sealer residues from body panel completely.

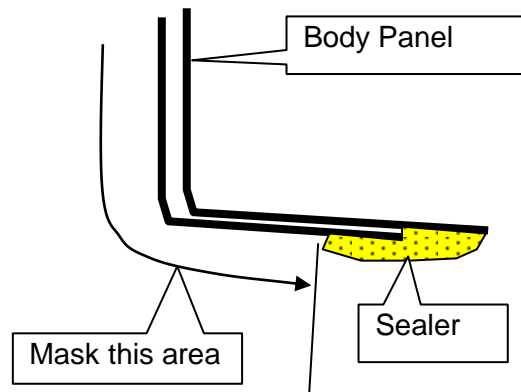
Note: Residuals of loosen or flaking paint sealer will cause improper adherence of new paint sealer.



(3) Degrease the surface with conventional degreaser.



(4) Check the masking applied in step 3, for damage.
If it is damaged, remove old masking and mask the area again.

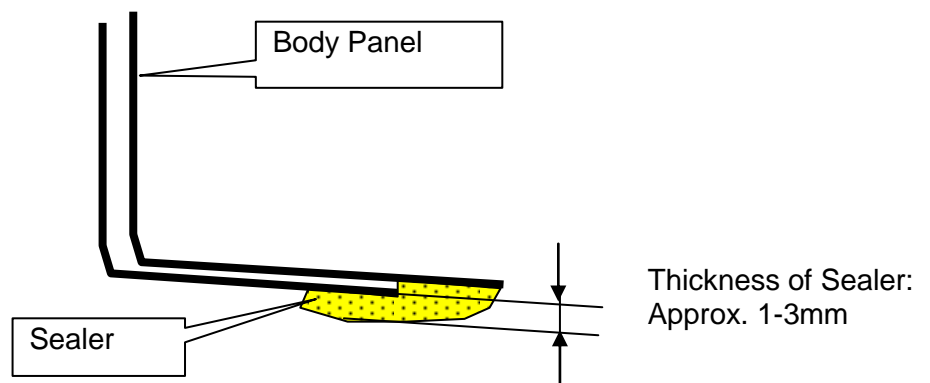


(5) Apply new paint sealer on body panel.

Recommended sealer:

- Henkel Terson Terostadt 9120, WUERTH saBesto BOND + SEAL ALL-IN-ONE

(6) Even the sealer to achieve appropriate thickness of approx. 1-3mm.



- (7) Allow the paint sealer to evaporate. For details please refer to the supplier's technical data sheet or the operating instructions printed on the product label.
- (8) Apply the new paint coating over the applied paint sealer.
- (9) Reassemble in the reverse order of removal.

for Shinji Kanai
Manager, Technical Information Gr.
Technical Service Dept.
Mazda Motor Corporation
2921065546(MC Internal Use)