

Iron Particle Rust Contamination Repair

Service Category Vehicle Exterior

Market USA and Mexico

Section Paint/Coatings



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
1994 - 2025	4Runner, 4Runner HV, 86, Avalon, Avalon HV, Avanza, bZ4X, C-HR, Camry, Camry HV, Corolla, Corolla BR-Prod, Corolla Cross, Corolla Cross HV, Corolla Hatchback, Corolla HV, Crown, Crown Signia, FJ Cruiser, GR Corolla, Grand Highlander, Grand Highlander HV, Hiace, Highlander, Highlander HV, Hilux, iA, iM, Land Cruiser, Matrix, Mirai, MR2, MR2 Spyder, Prius, Prius C, Prius PHV, Prius Prime, Prius V, Raize, RAV4, RAV4 EV, RAV4 HV, RAV4 PHV, RAV4 Prime, Sequoia, Sequoia HV, Sienna, Sienna HV, Supra, Tacoma, Tacoma HV, Tundra, Tundra HV, Venza, Venza HV, Yaris, Yaris HB MEX-Prod, Yaris R, Yaris SD MEX-Prod, Yaris SD THAI-Prod, Yaris THAI-Prod	

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Applicability (continued)

REVISION NOTICE

December 03, 2024 Rev2:

- **Applicability has been updated to include 2025 model year RAV4 PHV vehicles.**

May 15, 2024 Rev1:

- **Applicability has been updated to include all 2025 model year Toyota vehicles.**
- **Applicability has also been updated to remove Hilux Hybrid models.**
- **The Required Tools & Equipment and General Precautions sections have been updated.**

Any previous printed versions of this bulletin should be discarded.

SUPERSESION NOTICE

The information contained in this bulletin supersedes Service Bulletin No. TS-PA005-04.

- **The Introduction, Warranty Information, Required Tools & Equipment, General Precautions, and Repair Procedure sections have been updated.**

Service Bulletin No. TS-PA005-04 is obsolete and any printed versions should be discarded.

Introduction

Vehicles may occasionally be subjected to contamination by airborne iron particles shed from railroad tracks, train wheels, exposure to heavy machinery facilities, grinding, welding, etc.

This type of contamination can be identified by the presence of small, red or brown particles on the paint surface. These particles are often difficult to see on dark color paints but can be easily felt when brushing a hand across horizontal body surfaces such as the hood, roof, or deck lid. Follow the Repair Procedure in this bulletin to clean vehicles that may have been subjected to contamination by airborne iron particles such as rail dust during rail transportation or extended storage near industrial areas.

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Warranty Information

For USA and Mexico Markets

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Required Tools & Equipment

REQUIRED TOOLS & MATERIAL	QTY
Meguiar's D2002 Iron Removing Spray Clay (or Equivalent)	1
Rubber Gloves, Aprons, Boots	As Needed
Eye Protection	
Sponges or Wash Mitts	
Pail or Bucket	

General Precautions

CAUTION

Meguiar's D2002 Iron Removing Spray Clay (or equivalent) is a corrosive material. Appropriate personal protection equipment **MUST** be worn to protect persons performing the contamination removal procedure. Refer to the precautions on the product label prior to use.

NOTICE

- Under **NO** circumstances should contamination removal be performed in direct sunlight or contamination removal solution be allowed to dry on vehicle surfaces, as staining of plastic, rubber, or painted parts may result.
- Because of the abrasiveness of these small iron particles, polishing or buffing procedures should **NOT** be attempted to repair the paint surface of an affected vehicle. This will result in further paint damage and detract from vehicle appearance.
- Consult local or state regulations regarding the handling, use, and disposal of Meguiar's D2002 Iron Removing Spray Clay (or equivalent) prior to use.

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Repair Procedure

1. Move vehicle out of direct sunlight.
2. Rinse the vehicle with cool water.
3. Wash with liquid car wash detergent.
4. Rinse again thoroughly with cool water.
5. Dilute the cleaner concentrate with water to achieve a 1:8 ratio for painted surfaces.

NOTICE

Use the recommended dilution ratio when applying to ANY other surface.

6. Apply the diluted cleaner so that it evenly covers the affected area.

NOTICE

Use an appropriate mitt or sponge to agitate the surface.

7. Thoroughly rinse the vehicle with cool water.
8. Inspect the vehicle carefully, both visually and by feel, to determine if ALL iron particles have been removed.

NOTE

Repeat the wash several times if necessary to achieve complete removal.

9. Dry the vehicle with a soft terry cloth towel and apply a non-abrasive, non-silicone glaze to obtain a high-gloss finish.