

COLLISION REPAIR INFORMATION

FOR THE TOYOTA DEALER

TITLE: PEARL MICA PAINT CARE

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SECTION: REFINISH BULLETIN #26

MODELS: ALL

DATE: JUNE 1988



CONDITION

Toyota vehicles with pearl mica paint finishes may receive fine scratches or swirl marks from repeated machine car washes or harsh wax products. This condition is more noticeable on the pearl mica paints due to their superior gloss level.

CORRECTION

The following procedure for removing the fine scratches or swirl marks should be followed closely to avoid excessive reduction of clearcoat film thickness. The clearcoat shields the mica particle layer from ultra-violet radiation (sunlight) to prevent peeling or cracking of the paint surface.

WARNING: Only persons experienced in automotive polishing and compounding with a power buffer should attempt this procedure.

- Move vehicle out of direct sunlight.
- Vehicle surface should be cool to the touch.
- Thoroughly hand wash the vehicle with mild car washing soap followed by a cool water rinse and towel dry with soft cotton towels.
- Obtain an electric buffer/polisher and mount a buffing pad (3M SuperBuff buffing pad, Part Number 051144-05700 or equivalent, is highly recommended).
- Obtain a polishing compound with very fine abrasives, and without wax or silicone additives (3M Finesse-It, Part Number 051131-05923 or equivalent, is highly recommended).
- Apply the polishing compound sparingly to about a two square foot section of the vehicle surface and wipe the buffer pad once across the area.
- Start the buffer (wheel speed should be 1500 to 2500 rpm) and polish the area until the haze of the compound film is almost gone.
(WARNING: Avoid excessive pressure on the buffer.)

- Repeat the previous two steps until all of the affected areas are polished.
- Examine the polished areas for any remaining scratched or polishing marks. If these are found, buff the area with 3M Imperial Machine Glaze (051131–05991 or equivalent) with a clean buffing pad, or if preferred, polish the area by hand with 3M Imperial Hand Glaze (051131–05990 or equivalent).
- Apply a non–abrasive wax or glaze to the vehicle and polish to attain a high gloss.