



Mazda 46V

National Rule Chip Repair Process

Technical Bulletin
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The chip repair process outlined in this document is necessary to meet appearance, performance, and regulatory requirements. Contact your PPG representative for full documentation on the approved products, systems and processes. The repair process below is designed for National Rule areas only.

PREPARATION OF REPAIR AREA:

- Wash vehicle with soap and water and dry thoroughly
- Wipe area to be repaired with appropriate ONECHOICE® SX wax and grease remover.
 - Refer to P-Sheet OC-42. [Link](#)
- Prep vehicle and featheredge chipped area.
- Blow off area with compressed air and re-clean with appropriate *OneChoice* SX solventborne cleaner.
- If any bare metal substrate is visible, apply *OneChoice* SX1071 ECOBASE™ 5.5 Etch Prime as directed per P-Sheet OC-6.
 - . [Link](#)
- Apply *OneChoice* SX1057 Flexible 2K Surfacers to the repair area as per P-Sheet OC-32
 - . [Link](#)

If applying a primer sealer to the repair, or for panel replacement on properly prepared ecoat, apply *OneChoice* SX1056 Flexible 2K Sealer as directed by P-Sheet OC-22

- . [Link](#)

COLOR APPLICATION:

- Apply appropriate DELTRON® DBC, ENVIROBASE® High Performance, or AQUABASE® Plus activated basecoat to the repair area.
 - Refer to *Deltron* P-Sheet P-175 for DBC Basecoat (with DX57) (National Rule) [Link](#)
 - Refer to *Envirobase* High Performance P-Sheet EB-143 for EHP Basecoat (with T492 & T493) [Link](#)
 - Refer to *Aquabase* Plus TDS N5.3.2 for ABP Basecoat (with P935-1250 & P935-1255) [Link](#)
- Apply Mid-Coat to achieve proper color as directed by Technical Bulletin TCB100 VM4350 Tinted Clearcoat Application Process.
 - . [Link](#)

CLEARCOAT APPLICATION:

- Apply the appropriate premium *Deltron*, *Envirobase* High Performance or *Aquabase* Plus clearcoat to the repair as directed by the P-Sheet.

Note: The specified process above, will provide optimum chip resistance.