



Technical Service Bulletin

SUBJECT:			No:	TSB-18-42A-003
BUMPER FASCIA/PLASTIC FENDER PAINTING PREPARATION - REVISED			DATE:	September 2018
			MODEL:	See below
CIRCULATE TO:	☐ GENERAL MANAGER	☒ PARTS MANAGER	☒ TECHNICIAN	
☒ SERVICE ADVISOR	☒ SERVICE MANAGER	☒ WARRANTY PROCESSOR	☐ SALES MANAGER	

This bulletin supersedes TSB-05-42A-006, TSB-06-42A-007, and TSB-10-42A-008, to add applicability to all models, and updated paint preparation instructions. Revisions are not indicated as the entire TSB has been updated.

PURPOSE

When ordering replacement bumper fascias and other plastic body parts for any vehicle, you may receive unprimed plastic parts. Newer models may have painted parts in stock, these can be identified by two letters after the part number, indicating the color code (for Diamante, there is one letter). The unprimed bumper fascias and plastic body parts require special preparation prior to priming and painting. MMNA recommends using the PPG products (or their equivalent) listed in the Paint Preparation Instructions in this TSB.

AFFECTED VEHICLES

All models with unprimed replacement bumper fascias and/or plastic body parts.

WARRANTY INFORMATION

This TSB provides information only.

PAINT PREPARATION INSTRUCTIONS

Follow the "Important Instructions for Paint Preparation of Bumper Fascias and Plastic Body Parts" included in this Technical Service Bulletin. These instructions will also be available on the MDL under **service / service tech resources / Worksheets, Questionnaires, Job Aids / Job Aids**.

If you have any questions or concerns about these procedures, please contact your local PPG representative or paint supplier.

IMPORTANT INSTRUCTIONS FOR PAINT PREPARATION OF BUMPER FASCIAS AND PLASTIC BODY PARTS

Process for replacement bumper fascias and other plastic parts must be prepared for painting as described below to ensure proper paint adhesion.

Mitsubishi Motors North America, Inc. recommends using PPG and the following PPG ONECHOICE® Plastic Prep System products for this procedure (P-Sheet OC-1):

SU4901 Clean and Scuff Sponge
 SU4902* Plastic Adhesion Wipe
 SU4903* Advanced Plastic Bond
 SUA4903* Advanced Plastic Bond (Aerosol)
 SU470LV Compliant Adhesion Promoter
 SUA470LV* Compliant Adhesion Promoter (Aerosol)
 (*Where permitted by local VOC regulations)



- 1) Clean the part thoroughly using the scuff side of SU4901 Clean and Scuff Pad and rinse well with water. Water should sheet off from the surface. If it does not, repeat the process. Blow dry or wipe with a clean cloth. The entire surface must be totally de-glossed. **Make sure surface is thoroughly dry before proceeding.**
- 2) If the fascia has any noticeable scratches or other minor surface defects, sand the affected area using P600 grit or finer sandpaper.
- 3) Clean the entire component with *OneChoice* SWX350 H₂O-SO-CLEAN® Wax and Grease Remover as directed (P-Sheet OC-9), *OneChoice* SX103/SXA103 MULTI-PREP™ as directed (P-Sheet OC-29) or other PPG Cleaner approved under local VOC regulations.
- 4) Using the SU4902 Plastic Adhesion Wipe, apply a light even coat over the entire area wiping in one direction only to minimize overlap. Allow 3 to 5 minutes at 70°F (21°C) flash time before continuing. *Note: If not permitted by local regulations, skip to step 5.*
- 5) Apply a light coat of SU4903/SUA4903 Advanced Plastic Bond or in Low VOC areas SU470LV/SUA470LV Compliant Adhesion Promoter (P-Sheet OC-35) over the entire surface, covering all edges thoroughly. Allow to flash off as directed prior to sealing
- 6) Seal unprimed plastic substrate with flexibilized sealer as appropriate to your topcoat system and local VOC regulations.

Solventborne

- o DELTRON® DAS3021/5/7 V-SEAL® Acrylic Urethane Sealers as directed by P-Sheet P-237
- o GLOBAL REFINISH SYSTEM® D8081/5/7 2K Chromatic Sealer as directed by P-Sheet EU-140
- o NEXA AUTOCOLOR® 2K® P565-301/5 Fast HS Wet-on-Wet Sealers as directed by PDS N4.12

Waterborne

- o ENVIROBASE® High Performance ECS61/5/7 A-Chromatic Sealers as directed by P-Sheet EB-600
- o *Envirobase* High Performance ECS21/5/7 A-Chromatic LV Sealer as directed by P-Sheet EB-200
- o AQUABASE® Plus P565-3121/5/7 HS Plus Wet-on-Wet Sealers as directed by PDS N4.13C
- o *Aquabase* Plus P565-3141/5/7 HS Plus Wet-on-Wet Sealers LV as directed by PDS N4.14C

- 7) Apply the appropriate **catalyzed** premium *Deltron*, *Global Refinish System*, *Nexa Autcolor 2K*, *Envirobase* High Performance or *Aquabase* Plus basecoat as part of the BC/CC system.
- 8) Apply the appropriate premium *Deltron*, *Global Refinish System*, *Nexa Autcolor 2K*, *Envirobase* High Performance or *Aquabase* Plus clearcoat to the repair as directed by the corresponding P-Sheet.