

CATEGORY: TECHNICAL

ATTENTION: ALL DMC DEALERS/SERVICE MANAGERS

SUBJECT: FACIA FRONT/REAR REPAIRS AND REFINISHING

Attached please find the instructions for repairs and re-finishing of the front or rear facias.

The soft facias of the DE LOREAN vehicle are made of polyurethane material which require special repair and re-finishing methods.

The attached instructions contain the paint formula using R-M (Rinshed - Mason) products. Paint formulas of other suppliers will be made available as soon as we receive them.

Please inform all personnel concerned accordingly.

Sincerely,

Lutz Feuerabendt
Technical Service Manager

LF:dg

attachment

ISSUED: 9/2/81

PROCEDURES

REPAIRS:

1. Distortions:

Facias must be installed tension free. If necessary, the mounting points/surfaces of the body or facias must be reworked.

2. Heavy Damages:

Multiple or large tears, or torn out pieces, require the replacement of the facia.

3. Cracks, Tears, Scratches, Gouges:

a. Cracks/Tears - Can be repaired by bonding using 3M-8101 construction glue.

b. Minor Scratches/Gouges - Involving the surface paint coat only, can be repaired as follows: Using 400 paper (wet), color sand until scratch is removed.

If necessary, to provide a good painting surface, spray and sand the area using the color coat material. (See Refinishing.)

c. Major Scratches/Gouges - Using coarse sandpaper, prepare the area to be repaired. The area must also be free of oil/grease. Build up material as necessary using 3M-8101 construction glue. If a layered build up is required, allow approximately one hour between applications.

Wet sand the repaired area starting with 200 sandpaper and then with 400-600 sandpaper to obtain a smooth surface.

If necessary, to provide a good painting surface, spray and sand the area using the color coat material. (See Refinishing.)

(Continued)

PROCEDURES (Continued)REFINISHING:

Depending on the size or location of the required area(s), either spot/area painting or complete repainting of the facia may be necessary. The following steps apply to either approach:

1. Thoroughly remove all greases, dirt, wax, and other contaminants from the area to be painted with RM 900 Precleano.
2. Wet sand with 400 paper.
3. Repeat Step 1.

NOTE: Be sure to remove all hard water residue if water sanding is used.

4. Apply Alpha-Cryl Lacquer color coat.

RM (RINSHED MASON) FORMULA

PNT - 90 - 100

AT - 141 - 253

AT - 114 - 348

AT - 116 - 428

AT - 184 - 434

AT - 122 - 440

AT - 100 - 1000

891 - See Label Directions (Flex Agent)

5. Allow Alpha-Cryl color to dry a minimum of two hours (16 hours for maximum gloss at 70-72° F.).

NOTE: A minimum of two hours is required before Step 6 is performed.

6. For the high gloss finish, apply RM 893 2K Clear / 894 2K Hardener per label directions.