



MOONEY

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May 14, 2001

**NOTICE TO RECIPIENTS OF MOONEY SERVICE BULLETINS M20-275 AND M20-276**

Due to delays in the mailing of Mooney Service Bulletins M20-275 and M20-276, the warranty time periods detailed in each service bulletin have been extended as follows:

Service Bulletin M20-275 – Warranty period expires September 22, 2001

Service Bulletin M20-276 – Warranty period expires October 9, 2001

Mooney Technical Publications



SERVICE BULLETIN M20-276

Date: December 18, 2000

SUBJECT: OVERHEAD TUBULAR STRUCTURE MODIFICATION

MODELS/ S/N  
AFFECTED: M20J, Serial Numbers 24-3374 thru 24-3431  
M20K, Serial Numbers 25-2000 thru 25-2032  
M20M, Serial Numbers 27-0181, 27-0184 thru 27-0306, 27-0308  
M20R, Serial Numbers 29-0001 thru 29-0254  
M20S, Serial Numbers 30-0001 thru 30-0057

TIME OF COMPLIANCE: NEXT SCHEDULED MAINTENANCE

INTRODUCTION: It has been determined that the possibility of arcing between the headliner assembly bus bar (associated with the overhead light switches) and the overhead tubular structure exists in the affected aircraft. This service bulletin provides for inspection of the overhead area and installation of split loom tubing over part of the overhead tubular structure to prevent inadvertent arcing from either of the headliner assembly bus bars.

INSTRUCTIONS: 1. Disconnect battery(s) from the aircraft.

**Note****Fuel totalizer (if applicable) memory will be lost when battery is disconnected.**

2. Drop headliner assembly down far enough to access overhead tubular structure (figure M20-276-1 (black arrow)).
3. Inspect electrical wiring connection area associated with the headliner forward switches (figure M20-276-1 (white arrow)) for evidence of arcing and replace any affected components, as necessary, per the individual aircraft's Service and Maintenance manual.
4. Insert a 3 inch long piece of 1.000" black heat stabilized nylon split loom tubing between station 31.00 and 34.00 (figure M20-276-2) on the overhead tubular structure, which runs down the middle of the headliner assembly.
5. Secure split loom tubing to overhead tubular structure with nylon wire ties as required (figure M20-276-3).
6. Reinstall headliner assembly per respective aircraft's Service & Maintenance Manual.
7. Reconnect battery(s) to aircraft.

WARRANTY: Up to 3.0 hours labor, plus the cost of replacement parts (if needed), will be credited to the Mooney Service Center for compliance to the instructions contained in this Service Bulletin, if the affected aircraft is still under warranty and warranty claim is received within 180 days of the date of this Service Bulletin.

Labor and/or replacement parts (if needed) **will not be covered** under Mooney Aircraft Corporation's warranty policy for affected aircraft that are beyond their respective warranty agreement.

REFERENCE DATA: Service & Maintenance Manuals #123 (M20J), #134 (M20K), #151 (M20M), #160 (M20R), #170 (M20S), latest revisions

PARTS LIST:	<u>Item</u>	<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
	1	1446	1.000" Black Heat Stabilized Nylon Split Loom (SPC Technology)	3*

FIGURE/TABLES: Reference figures M20-276-1, M20-276-2 and M20-276-3 on the following pages.



Figure M20-276-1

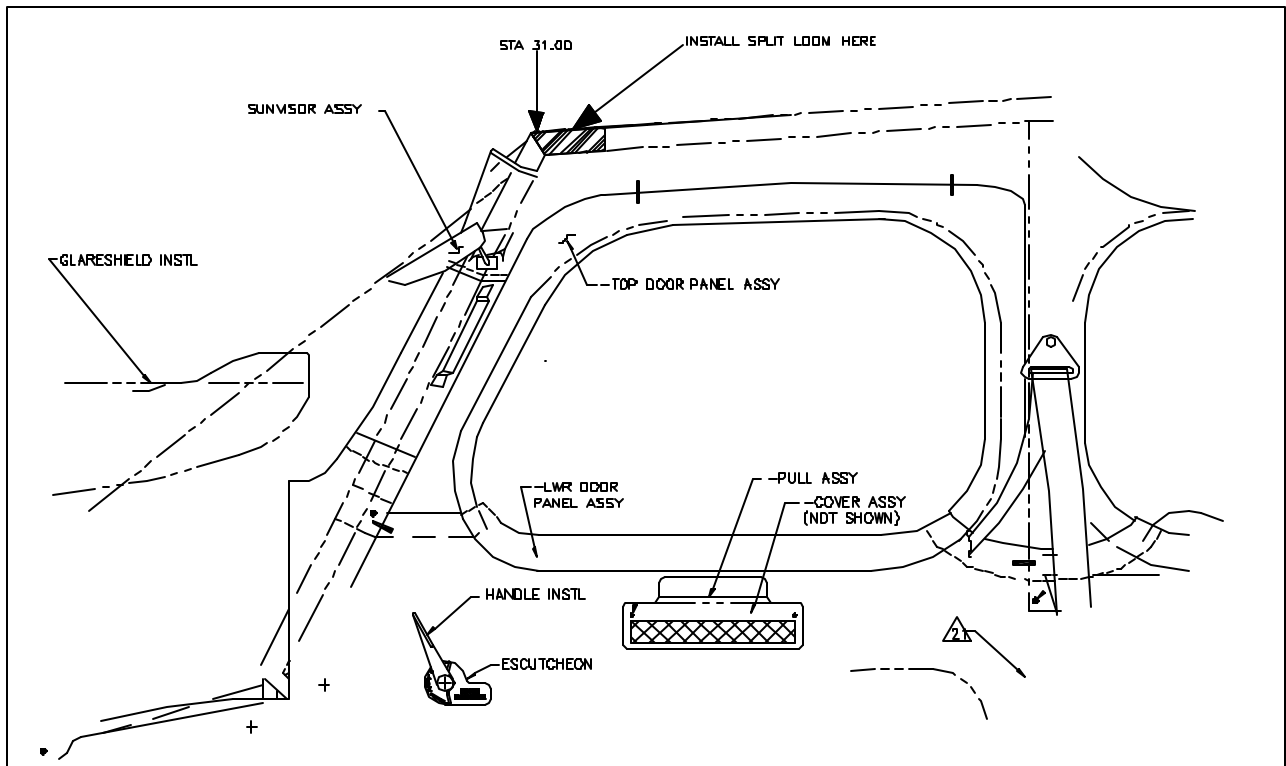


Figure M20-276-2



Figure M20-276-3