

SUBJECT: Rear engine baffle assembly, P/N 600411-501, modification.

MODEL/S/N

AFFECTED: MOONEY M20K, (Mooney 252),* S/N 25-1000 thru 25-1217
* (Only dual alternator equipped aircraft are affected.)

TIME OF

COMPLIANCE: At next scheduled maintenance action or sooner.

INTRODUCTION: There have been reports of the alternator output wire connector breaking at the terminal of the No. 2 alternator on MOONEY 252, TSIO360-MB1, engine installations. This is dependent upon how tight the No. 2 alternator output wire may be secured at various points. If desired, aircraft owners may elect to have this S I incorporated on any of the above S/N aircraft.

INSTRUCTIONS:

1. Remove upper cowling (lower cowling removal is optional) per S & M manual, Section 71-10-00.
2. Refer to Figure 1 to locate and drill the new hole (.198/.210 dia.) to be added to 600411-501 baffle assembly. New hole location does not have to be exactly to the dimensions shown on Figure 1. Deburr hole as needed.
3. Alternator output wire is routed along left diagonal engine mount w/existing clamps. Leave sufficient slack to allow coordinated movement between the alternator, baffle and the wire.
4. Clamp alternator output wire at new hole in rear engine baffle using MS21919DG5 clamp, AN3-5A, AN960-10 and MS21045-L3, bolt, washers and nut.
5. Check wire routing to insure freedom of movement with engine.
6. Enter compliance note into logbook and return aircraft to service.

WARRANTY: This kit should be ordered from the Mooney Service Center in your area. Up to 1.0 hour labor will be allowed if a Warranty Claim is submitted to the Service Parts Department within 180 days from the date of this Service Instruction.

REFERENCE

DATA: N/A

PARTS LIST:Kit Part Number - SIM20-86-1

ITEM	P/N	DESCRIPTION	QTY
1.	MS21919DG5	CLAMP	1
2.	AN3-5A	BOLT	1
3.	AN960-10	WASHER	2
4.	MS21045-L3	NUT.	1

FIGURE/
TABLES: SEE BELOW

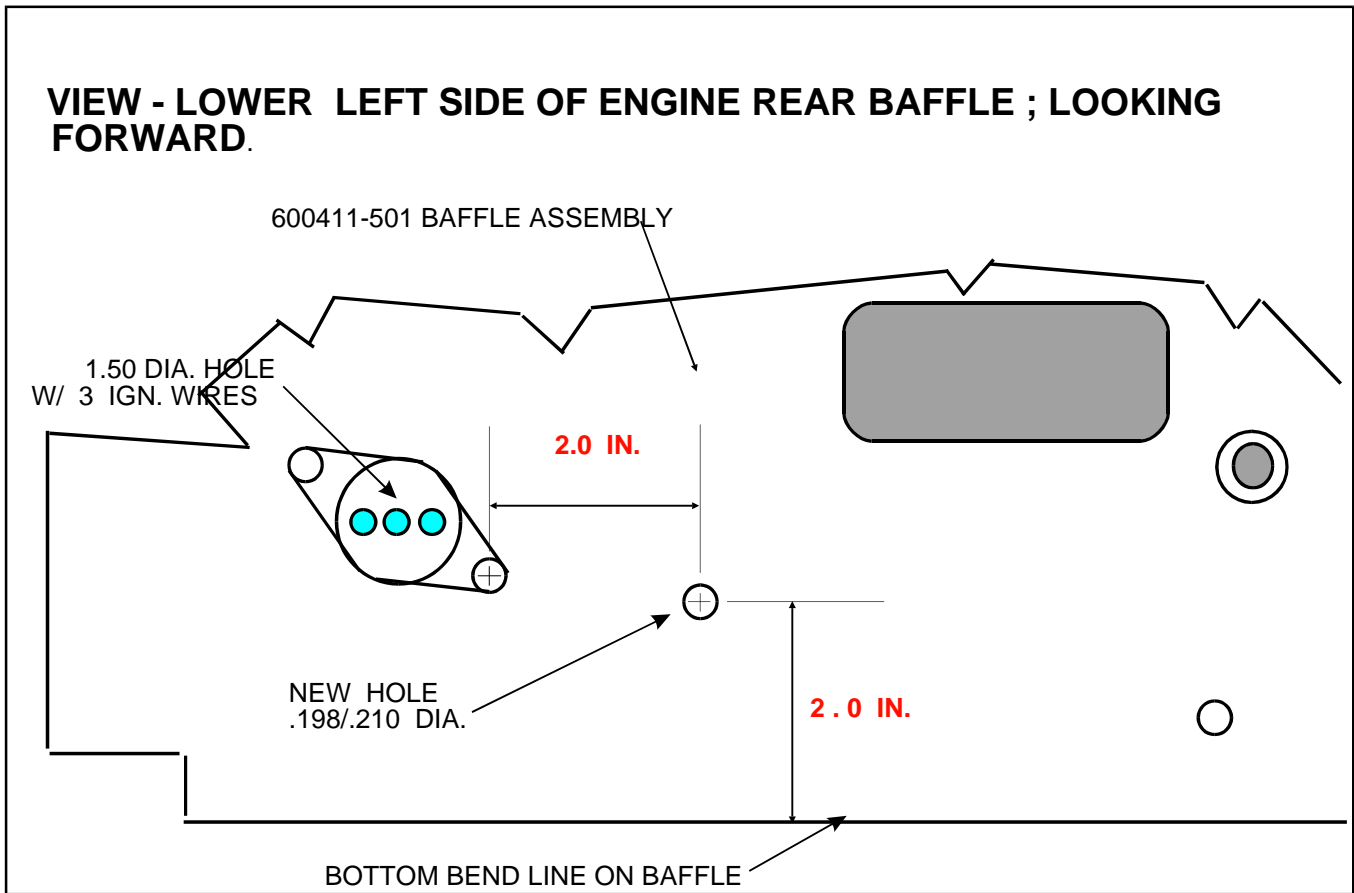


FIGURE 1