

SUBJECT: Engine isolator, mount attach bolt, location of washer under bolt head.

MODELS/S/N AFFECTED: M20M - S/N 27-0001 THRU 27-0137

TIME OF COMPLIANCE: At next scheduled maintenance action (but within 180 days of issue of this SI.)

INTRODUCTION:  
Some M20M aircraft may have the lower engine isolator/mount bolts positioned very close to the engine oil sump. This may create a potential for interference during some operational maneuvers. This Service Instruction repositions the AN960-716 washer from under the nut to under the bolt head, allowing more space between the end of the bolt and the oil sump.

INSTRUCTIONS:

1. Remove upper and lower cowling per M20M Service and Maintenance manual, No. 150, Section 71-10-00.
2. Locate both LH & RH lower engine isolator/mount attaching hardware.
3. Loosen and remove (one side at a time) the two lower isolator/mount attaching hardware (1).
4. Re-position the AN960-716 washer (2) from under nut (forward side of isolator [A]) to under bolt head (aft side of isolator[B]). Do not allow internal spacer (3) to slip out of position during bolt removal.
5. Repeat this re-positioning procedure on the other side (lower isolator/mounts ONLY).
6. Torque attaching hardware to proper torque, reference M20M S & M, Section 71-20-00.
7. Apply "Torque Seal" compound to bolt shaft and nut of re-positioned hardware.
8. Inspect engine isolator and mount for obvious discrepancies or wear.
9. Re-install lower and upper cowling per M20M S & M, Section 71-11-00.
10. Make log book entry and return aircraft to service.

WARRANTY: Mooney will allow 0.5 hours labor to accomplish this Service Instruction when proper warranty paper work is received by Service Parts within 180 days of the issue date of this Service Bulletin.

REFERENCE DATA: N/A

PARTS LIST: N/A

FIGURES/TABLES:  
Figure SI M20-96-1

