

SERVICE BULLETIN 66

SUBJECT: LORD ENGINE SUSPENSION ASSEMBLIES

APPLICATION: ALL GLASAIR IIIs

DESCRIPTION: Two different types of Lord engine suspensions (Lord mounts) have been supplied with Glasair III kits. Early Glasair III kits received Lord part number J-3804-27 engine suspension assemblies, consisting of two J-3049-35 sandwich mountings and one J-12333-1 damper per assembly. Later Glasair III kits received Lord part number J-3804-31 engine suspension assemblies, consisting of one J-3049-35 sandwich mounting, one J-3049-38 sandwich mounting, and one J-12333-2 damper per assembly. Different installation procedures apply to the two different engine suspension assemblies, as described below.

SOLUTION: If you have not yet installed the engine suspensions or if you still have the boxes in which they were shipped, simply look at the labels on the boxes to determine which engine suspension assemblies you have. If you have already installed the engine suspensions, look at the part numbers on the rubber sandwich mountings to determine the part number of your engine suspension assemblies. If both of the rubber sandwich mountings of each assembly have the same number (J-3049-35), you have the J-3804-27 engine suspension assemblies; if each suspension bushing assembly has one J-3049-35 sandwich mounting and one J-3049-38 sandwich mounting, you have the J-3804-31 engine suspension assemblies.

NOTE: The part numbers on the rubber sandwich mountings are rather difficult to read. Try applying some white paint or typist's correction fluid (liquid paper) to the numbers and wiping it off before it dries completely. This causes the raised numerals to appear black against a white background.

For the J-3804-27 engine suspension assemblies, install an AN960-716 washer as a shim inside each assembly. The washer fits between one end of the J-12333-2 damper and the inside of the sandwich mount.

For the J-3804-31 engine suspension assemblies, install the J-3049-38 rubber sandwich mountings (which are made of slightly harder rubber) on the FORWARD side for the UPPER two engine mounting points and on the AFT side for the LOWER two mounting points. The extra AN960-716 washer is not required for the J-3804-31 suspension assembly.

For both types of engine suspension assembly, torque the engine mounting bolts to between 450 and 500 inch pounds.

  
**STODDARD-HAMILTON**  
AIRCRAFT, INCORPORATED

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