

SERVICE BULLETIN 107

SUBJECT: Barry Controls Standard Engine Vibration Isolators for the Glasair III.

APPLICATION: Glasair III builders who purchased and received Barry Controls standard vibration isolators (engine mount shock bushings) (Barry Controls Part Number 94110-22) between 6/12/90 and 12/17/91. Specifically, this service bulletin applies to the following Glasair III kit serial numbers:

3008	3024	3042	3065	3077	3083	3086
3104	3113	3117	3118	3130	3134	3160
3166	3177	3184	3191	3205	3207	3215
3221						

NOTE: The Stoddard-Hamilton part number for the engine vibration isolators is 220-3804-027; these are normally shipped as part of the Engine Mount Shock Bushing Kit (223-3804-527). The Stoddard-Hamilton part number applies both to the Lord vibration isolators that we sold previously and to the more recent Barry Controls vibration isolators. The Barry Controls vibration isolators can be identified by the name "Barry Controls" molded into the rubber and by the part number "94110-22" stamped on the metal, or by the blue boxes they came in.

DESCRIPTION: We have been informed by several Glasair III builders that the engine vibration isolators have compressed excessively, resulting in gaps between the engine mounting brackets and the vibration isolators.

Barry Controls has offered to replace the engine vibration isolators with their part number 94110-02 isolators. The new isolators (94110-02) have a spring rate of 12,000 lb compared to 9,800 lb for the original isolators (94110-22). We have installed the -02 isolators on our prototype Glasair III and found them to perform very well without any signs of gaps or excessive compression.

SOLUTION: Barry Controls is shipping the replacement 94110-02 isolators directly to you, free of charge, with this service bulletin. To eliminate the need to remove the engine, remove the old isolators one at a time and replace them with the new ones. Since the manufacturer has requested that we return the old vibration isolators, please return them to Stoddard-Hamilton by March 31, 1992, so that we can return them to the manufacturer.



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