

SERVICE BULLETIN 88 MANDATORY

SUBJECT: INCORRECTLY LABELED MAIN GEAR SIDE BRACE ASSEMBLIES

APPLICATION: All Glasair III aircraft shipped before 5/29/90.

DESCRIPTION: The main gear side brace assemblies for some Glasair III aircraft were incorrectly labeled. The right side assemblies (353-5205-102) were labeled with the part number for the left side assemblies (353-5205-101), and vice versa. If the side brace assemblies are installed on the wrong side of the airplane, the shoulder that the spherical bearing mounts against in the lower side brace arm will be oriented away from the side brace pivot stud. In the event that an incorrectly installed side brace worked its way off the spherical bearing, the side brace would be completely disconnected from the gear strut, resulting in collapse of the main gear.

SOLUTION: When installing the main gear side brace arms, make sure the shoulders that the NRR-6 spherical bearings seat against in the lower side brace arms are oriented toward the main gear side brace pivot studs, as shown in View B-B of FIGURE (C-125) on page C-177 of your Instruction Manuals. This will eliminate any possibility that the side brace assemblies will become disconnected from the main gear struts.

If you have already installed the main gear side brace assemblies, inspect them to verify that they are installed correctly, as shown in FIGURE (C-125). If the side brace assemblies have been installed on the wrong side of the airplane, exchange their positions.



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