

CARRY-THRU BULKHEAD FITTINGS - MAINTENANCE PRACTICES**1. General**

- A. Supplemental inspections 53-20-03 and 53-20-06 require inspection of certain bolt holes for cracks by the eddy current method. Because access to the nuts for torquing is limited, the production configuration of the bolts and nuts may not be practical for reinstallation of the bolts.
- B. This procedure allows and provides a method of installation of bolts that will make installation easier.

2. Bolt Replacement

- A. This procedure does not identify the correct part number bolt for each installation. It is the responsibility of the technician to correctly identify each bolt removed and reinstall the correct part number.

CAUTION: During the inspection of the bolt holes it is critical that only one bolt be removed at a time. Complete the inspection for one hole and then install the bolt before you remove the next bolt. This will help prevent damage to the fittings.

- B. Replace bolt (Refer to Figure 201).
 - (1) Figure 201 illustrates the bolts to be inspected, and shows the production configuration of the bolts.
 - (2) You can install each bolt shown with the head on the opposite side.
 - (3) Because the clearance between the bulkhead frames is limited for inserting the short bolts that were removed, the following is suggested:
 - (a) From the outside of the bulkhead, insert a segment of safety wire until the end is visible.
 - (b) Attach the end of the wire to the tip of the bolt with 5-minute epoxy or similar material.
 - (c) Allow the epoxy to cure, and use the wire to guide the bolt through the bolt hole.
 - (d) Install nuts and washers and torque as required to standard torque.

Figure 201 : Sheet 1 : Bolt Identification

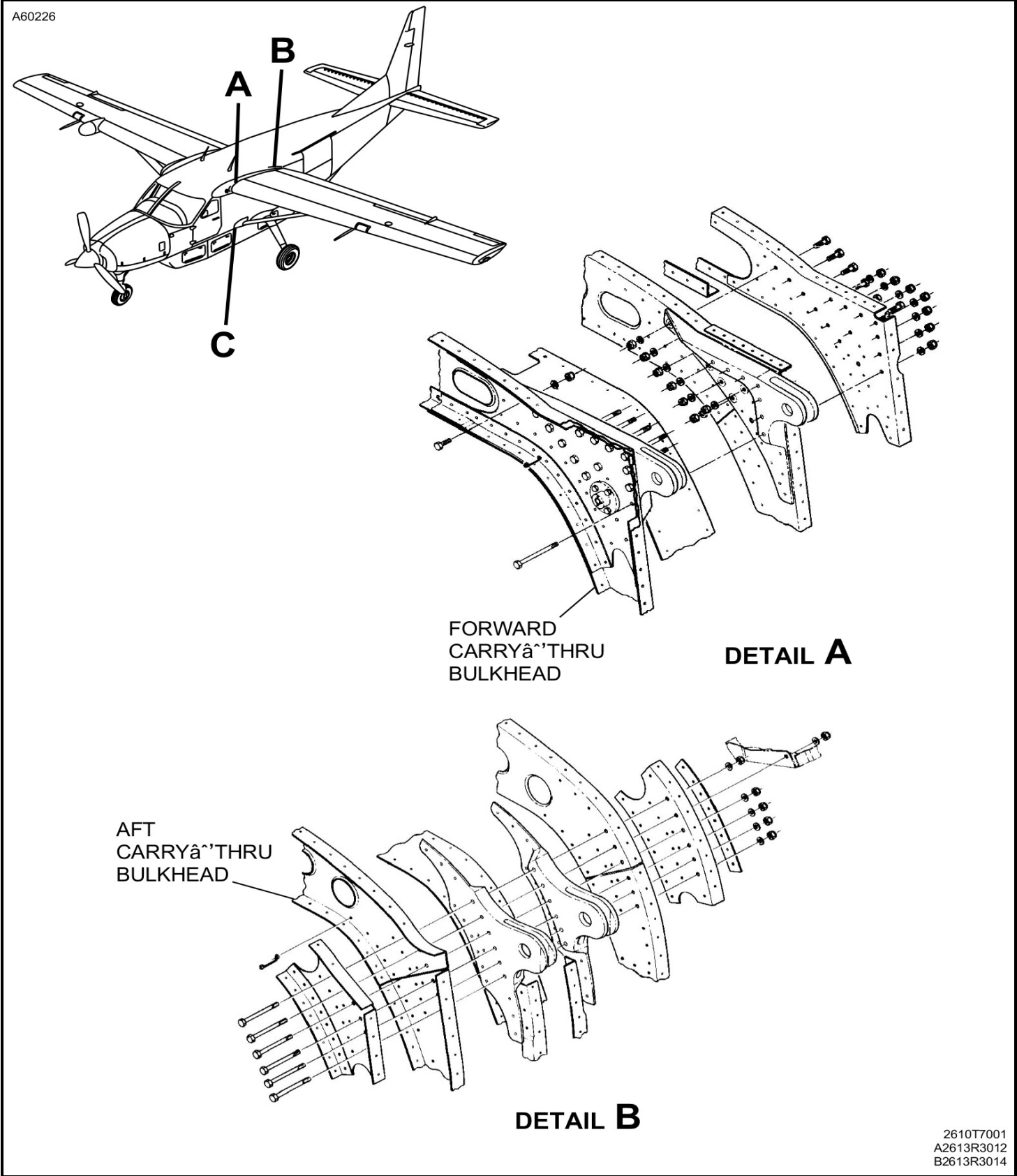


Figure 201 : Sheet 2 : Bolt Identification

