



Subject: Storage Box Bracket Repair

Carolina Thomas Bus Buzz #37 is providing service information on the bracket that supports the storage box on C2's. Currently, the bracket is bolted to the chassis frame rail. This repair procedure includes instructions on replacing this bracket to one that supports the box from the bus floor. This is a warrantable repair on a bus that is within its 5-year life.



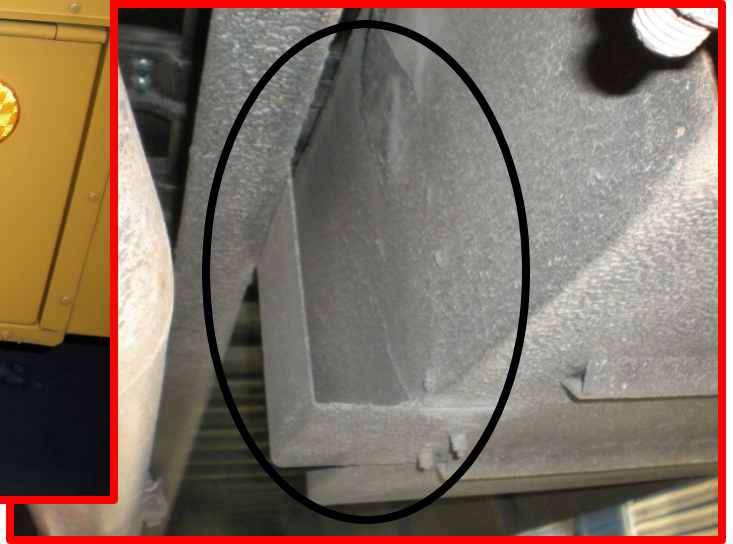
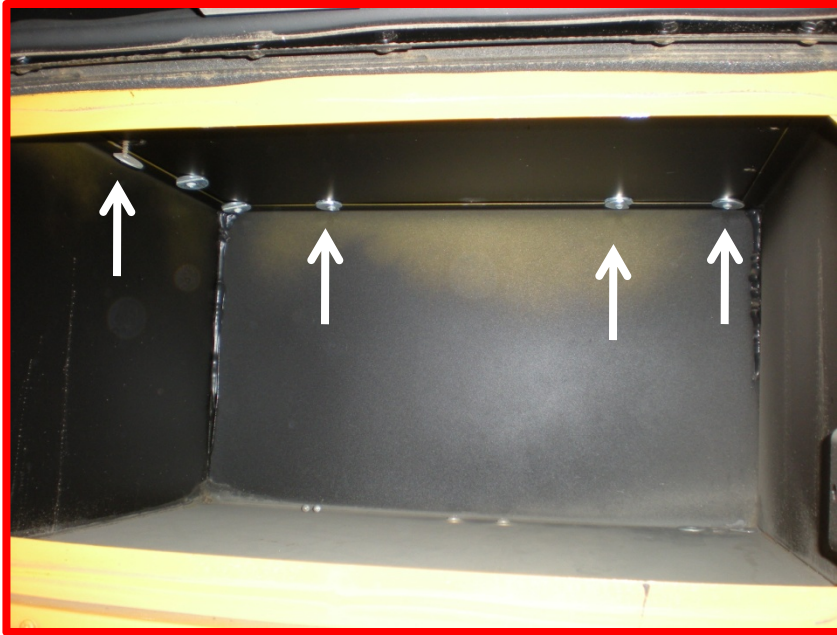


Photo on the right shows the original storage box mount and its support bracket bolted to the frame rail. Because the frame rail flexes differently than the side skirt, the storage box support bracket can crack and needs to be replaced.

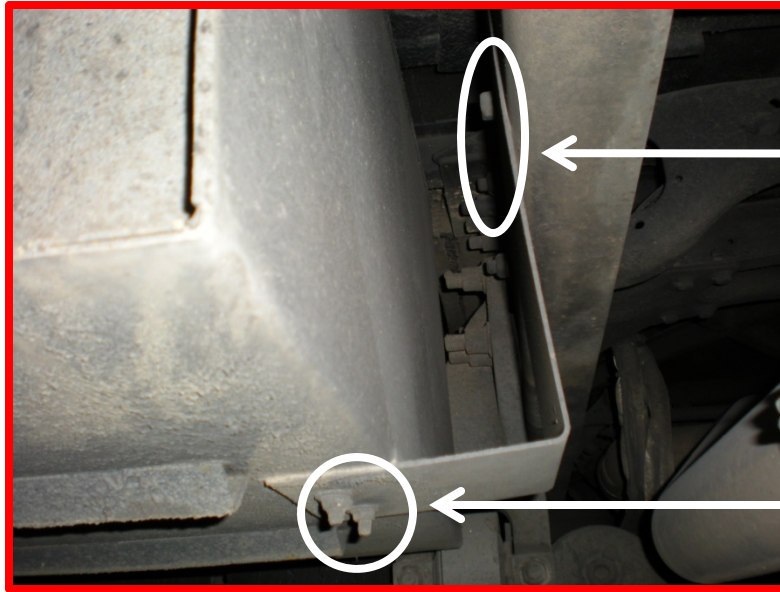




Step 1: Secure vehicle so it is safe to work on by chocking wheels and removing the ignition key to prevent vehicle from moving. Please follow all necessary precautions for your safety.

Step 2: Open storage box door and remove fasteners securing the top of the storage box lid (indicated above).





2 frame bolts

2 box bolts

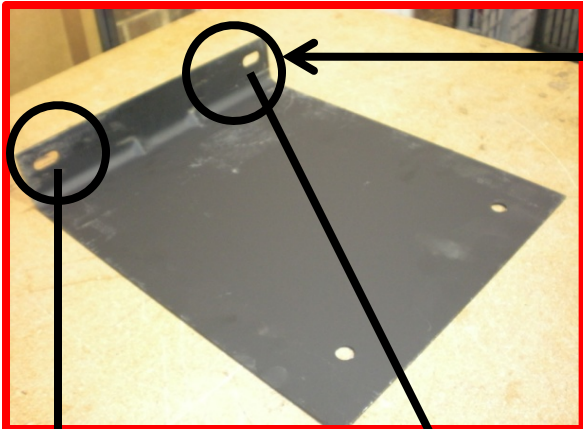
Step 3: Remove 2 bolts from original bracket and storage box floor (indicated above).

Step 4: Remove 2 bolts that secure this bracket to frame rail (indicated above).

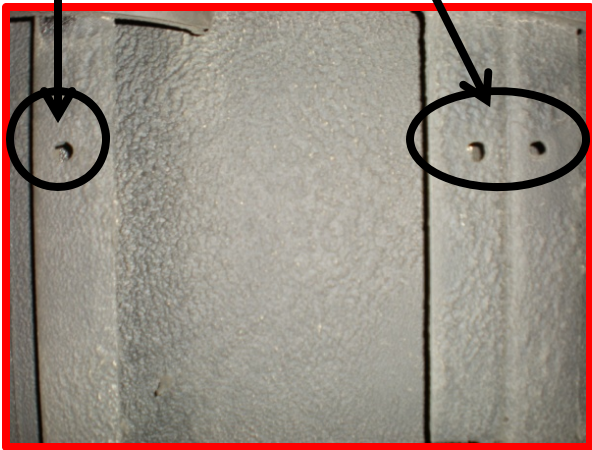
Step 5: Replace bolts in storage box floor to plug holes.



New storage bracket shown



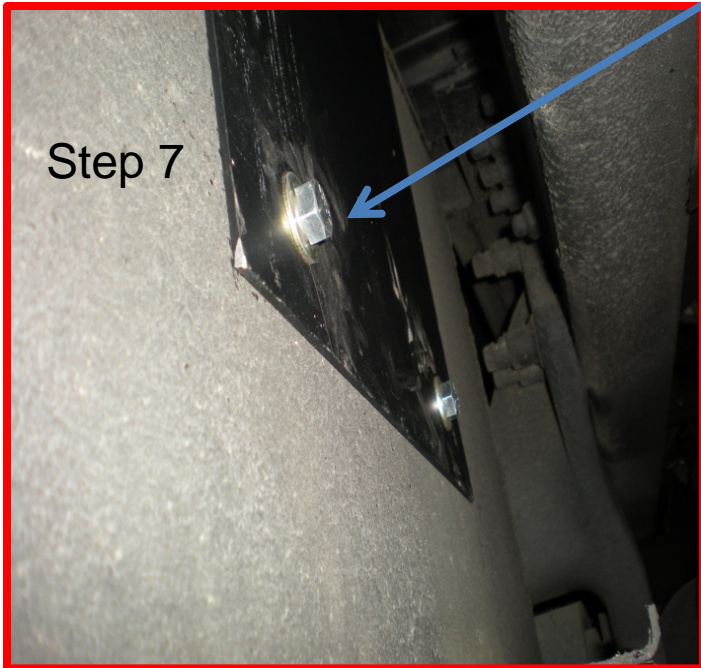
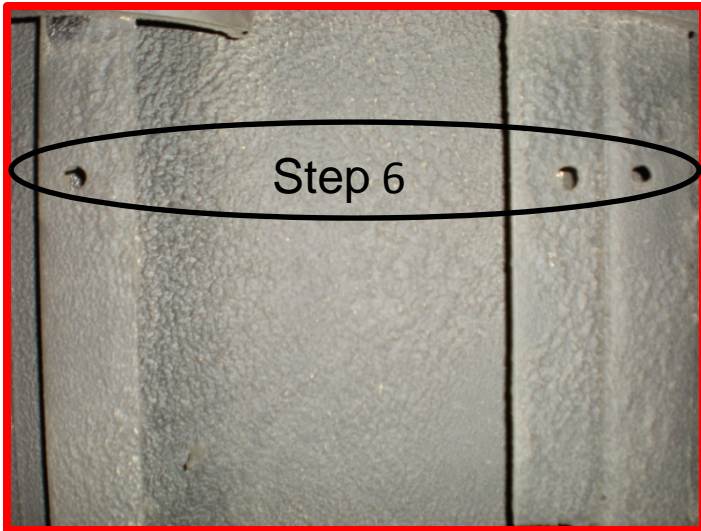
New storage box support bracket will bolt to existing holes in bus body floor.



Existing holes in bus floor are shown to left. They are readily accessible with the lid of box removed.

Holes shown in bus floor above storage box



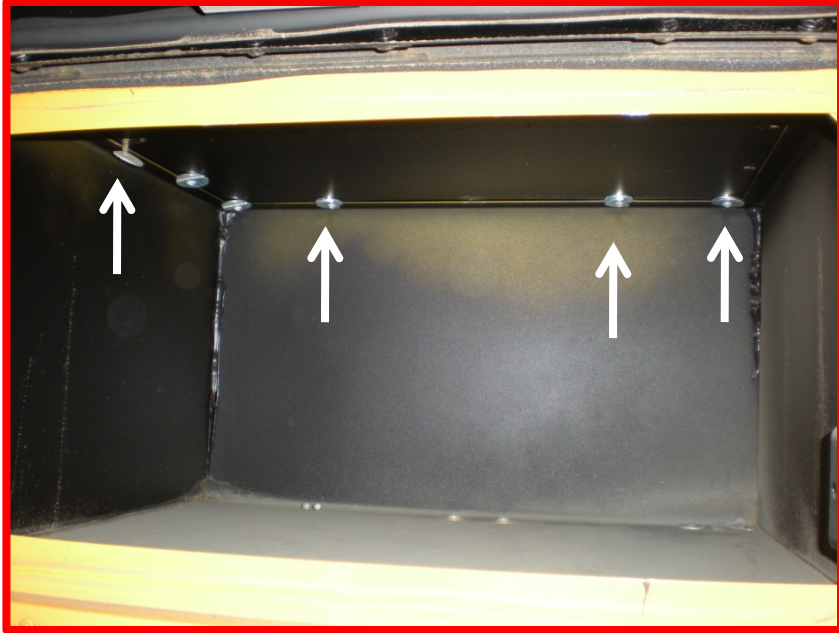


Step 6: Insert new bracket and bolts in bus floor. Do not completely tighten these bolts yet.

Step 7: Use holes in new bracket as guides to drill new holes through back of storage box as shown below. Insert new bolts and finger tighten.

Step 8: Tighten top bolts to bus floor completely. Then tighten bolts into back of the storage box.





Step 9: Install top of luggage box and secure with fasteners removed previously.

Step 10: The area exposed on the bottom of storage box where old bracket was mounted needs to be properly rust proofed.





NOTE: Bigger storage boxes (luggage box) may have more than one bracket. The repair procedure will be the same for each bracket.

Part number for this bracket is TBB 160820. Carolina Thomas assembles this in a kit with the miscellaneous fasteners that you will need.

We hope you find this information helpful. Please call us at 1-800-440-3492 if you have any questions.

