

PARTS & SERVICE NEWS

REF NO.	AA00091
DATE	09, June 2000

Page 1 of 2

SUBJECT: Door Window Assemblies

PURPOSE: Replacement of discontinued window glass assembly

APPLICATION: 530M, 730E, 830E, and 930E trucks equipped with J-Dak window assembly

FAILURE CODE: 553068

DESCRIPTION:

When replacing the door window frame/glass assembly (PB8734) with a new glass assembly (PC0841), a possible problem may occur preventing the window from properly going up or down. Recently the manufacturer of the window frame assembly for the above trucks ceased production of the current unit. The replacement part will fit, however, it may not function properly without modifications to the door assembly or door structure. Several items have been identified which may contribute to this problem.

When manufactured, the heat from the welding of the stiffeners may cause the door to bow and push outward. The bowing of the door causes the window channels to turn inward putting pressure on the glass by pushing it against the inside window seal hard enough that the window will not operate.

When the new door window assembly is installed, the seal asserts more pressure on the outside of the glass. This causes the window to be pressed against the inside seal hard enough that some windows may not be able to go up or down under motor power properly.

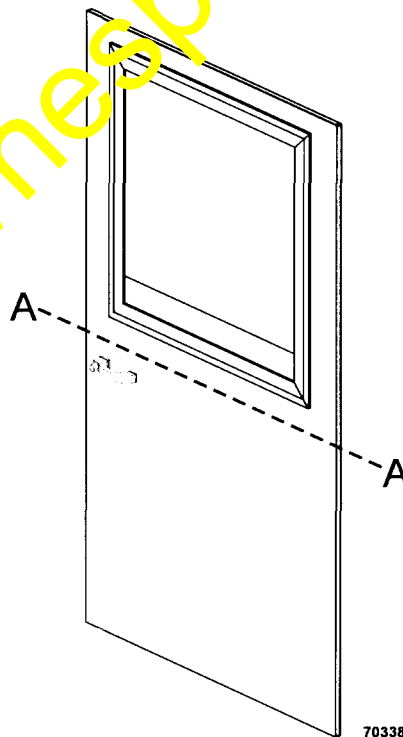


Figure 1. Door Panel Structure

The following method(s) should be followed to allow the window to work properly with the old door structure:

1. Assure that the door structure is relatively flat as shown (Line A-A, Figure 1). To remove the bow from the door, lower the window and apply a smooth, even pulling force from inside the cab until door structure is flat..
2. Remove the inside seal (2, Figure 2) from the armrest portion of the door structure to allow enough clearance between the door glass (1, Figure 2) and the armrest (3, Figure 2). **NOTE: REMOVING THE INSIDE SEAL MAY ALLOW DIRT AND MOISTURE TO ENTER THE CAB DURING OPERATION BUT ONLY FROM INSIDE THE CAB UNLESS THE WINDOW IS DOWN.**

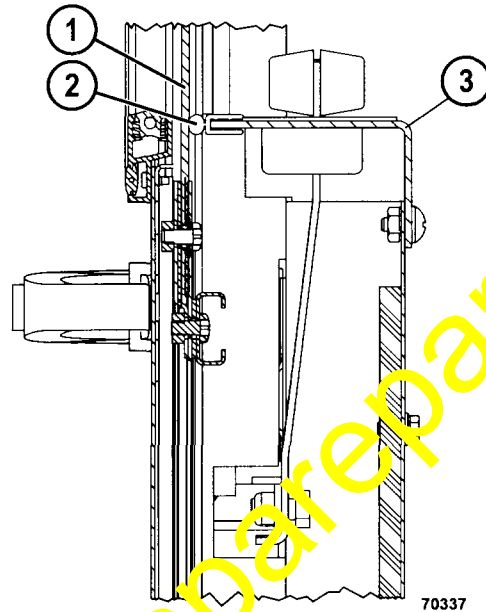


Figure 2. End View Of Door Panel

- | | |
|---------------|-------------|
| 1. Door Glass | 3. Arm Rest |
| 2. Seal | |

3. If the inside seal is kept in place, the alternative is more difficult. The door should be disassembled and the armrest portion of the door structure carefully removed by removing the welds with a grinding wheel. The armrest should then be rewelded at the dimension shown in (Figure 3). After cleaning, priming, and painting; reassemble the door. **NOTE: A GOOD SHEET METAL WORKER WITH THE PROPER TOOLS SHOULD BE ABLE TO REMOVE THE ARMREST, CLEAN IT UP, AND REATTACH IT WITHIN 30 MINUTES OR LESS PER DOOR ONCE DOOR HAS BEEN DISSASSEMBLED TO BE ABLE TO WORK WITHOUT CAUSING UNNECESSARY DAMAGE TO OTHER PORTIONS OF THE DOOR.**

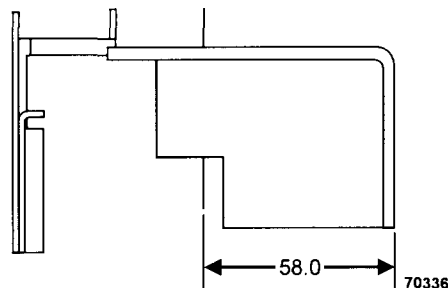


Figure 3. Removing Arm Rest