

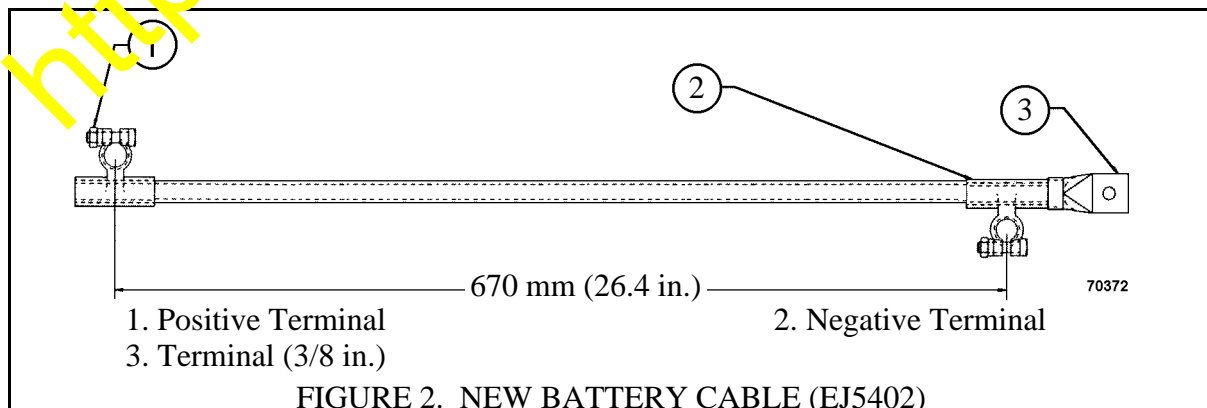
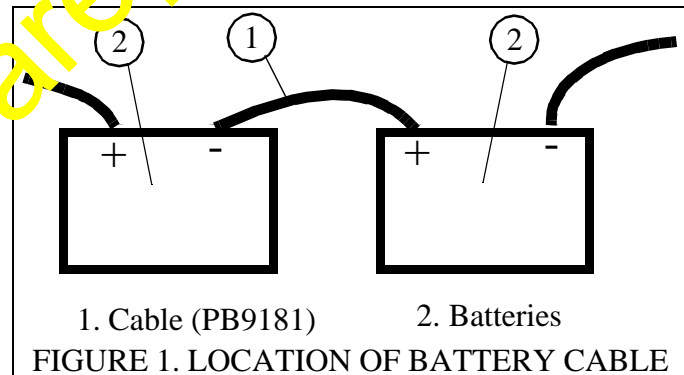
PARTS & SERVICE NEWS

REF NO.	AA01023
DATE	January, 17, 2001

- SUBJECT:** 730E ELECTRIC TRUCK BATTERY CABLES
- PURPOSE:** Inform the field of replacement battery cable (EJ5402).
- APPLICATION:** 730E Dump Trucks: AFE47-A & up; serial number A30079 & up
- FAILURE CODE:** D550PC
- DESCRIPTION:** Provide information for replacing battery cables (PB9181) with updated cables.

Some 730E electric trucks have experienced battery terminal and cable failures. These problems were caused by using a short, rigid cable. Because of these problems, cable (PB9181) should be replaced with cable (EJ5402). The new cable is longer, and is directly interchangeable with the old cable. The location of the terminal for the battery equalizer wire is, however, located at one end of the cable as opposed to the center. When this terminal is used, the hardware from the old cable is needed. The hardware consists of the following: 3/8 in.-16 UNC x 3/4 in. zinc plated stud, 3/8 in. flat washer, and 3/8 in. - 16 UNC nut.

1. Park the truck on a hard, level surface. Turn the key switch "OFF", and engage the parking brake.
2. Turn the battery disconnect switch "OFF".
3. Disconnect cable (PB9181) from the batteries. This cable connects to the positive terminal on one battery, and the negative terminal on the other battery. (One of these cables is located on each pair of batteries.) Disconnect the battery equalizer wire from the middle connection on the cable, if used.
4. Install new cable (EJ5402) in place of old cable (PB9181). Refer to Figure 2 for the proper orientation of the terminals. If the third terminal on the previous cable was used, connect the equalizer wire to terminal (3, Figure 2) using the hardware from the old cable.



5. Repeat step 3 and step 4 for the remaining pair of batteries.
6. Turn the battery disconnect switch "ON".