



## Aspen APU 200A Battery Cable/Fuse Removal

**Models: Aspen APU (All)**

**Purpose:** The intent of this technical instruction is to provide guidelines for removal of the 200A battery cable and fuse. For units equipped with the shore power option, the SP connector will be separated.

### Required Tools

Tool	Part Number	Part Description
	Obtain Locally	Wrench 1/2"
	Obtain Locally	Wrench 9/16"

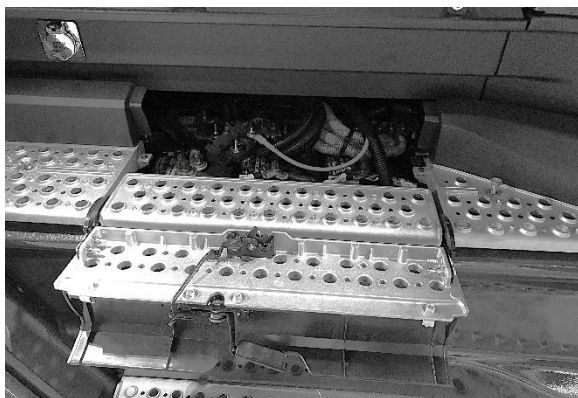


**WARNING**

Unit may start automatically at any time even if the Aspen Interface (AI) is in the APU Off status. Before performing any work, turn OFF the APU, disconnect the APU battery cables, and lockout the cable ends. Remove shore power if equipped. Proper lockout/tagout procedures must be followed. All unit inspection/servicing by properly trained personnel only.

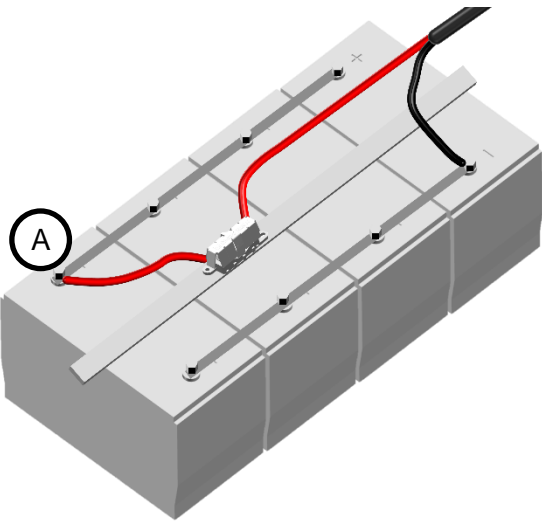
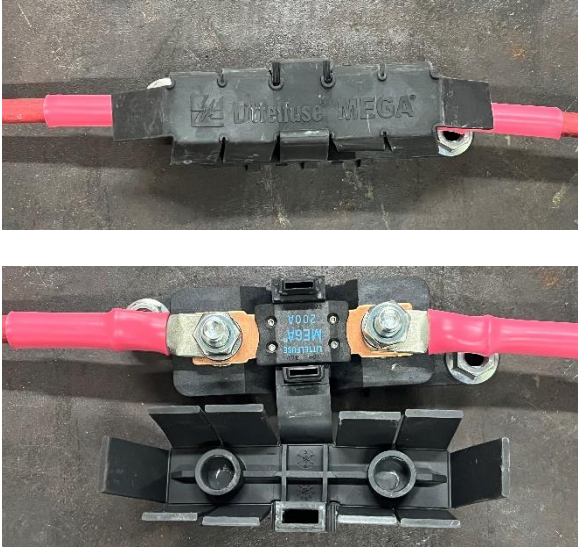
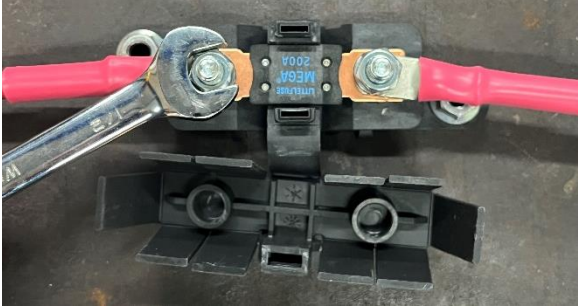
### Removal

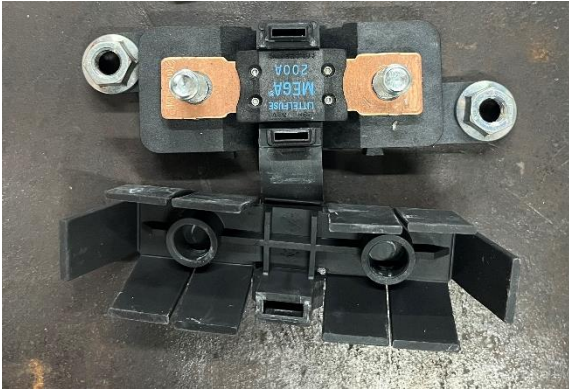
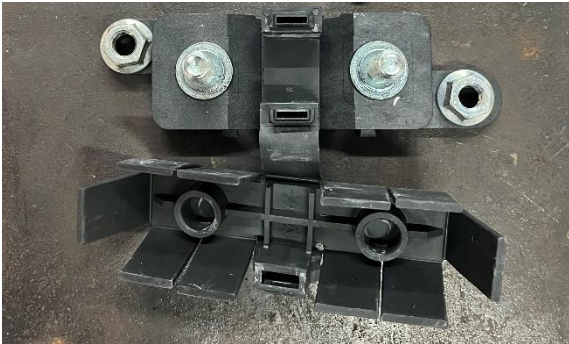
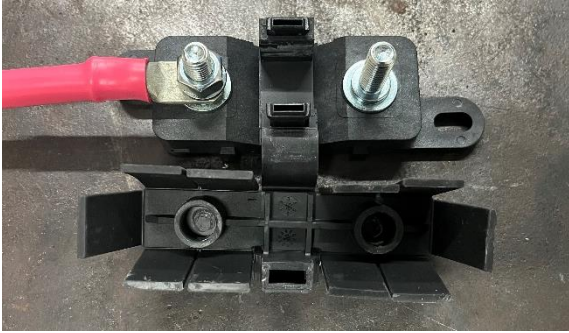


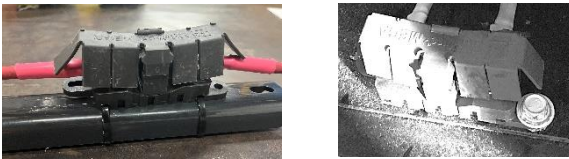
**1**



Locate the 200A APU battery cable fuse holder in the truck battery box.





**Note:** The location of the battery box and fuse holder may vary by truck make/model.

2		<p>Remove the nut (A) securing the APU battery cable to the truck battery B+ post.</p> <div data-bbox="824 310 979 363"> </div> <div data-bbox="818 407 1468 495"> <b>WARNING</b> </div> <p>When removing cables from the truck battery, ensure all tools are properly insulated and kept away from the battery terminals. Failure to do so may result in hazardous arcing, leading to severe injury or damage. Always follow safety protocols and wear PPE.</p>
3		<p>Lift at the center of the long edge of the cover to release the cover lock.</p>
4		<p>Remove the nuts and lock washers from the fuse holder posts.</p> <div data-bbox="824 1430 984 1482"> </div>

5		Remove both battery cables from the fuse holder.
6		Remove the fuse from the fuse holder.  <b>Note: Save 200A fuse and battery cable (short) for future reinstallation.</b>
7		Reinstall the APU battery cable that goes to the APU (long).  Reinstall the lock washers/nuts on the posts.  Tighten nuts.   <b>8.8 – 13.3 ft-lb (12-18 Nm)</b>
8		Reinstall the fuse holder cover.
9		Reinstall the nut (A) on the truck B+ battery post.  Refer to battery manufacturer for recommended torque.
10		Verify fuse holder is secured in the battery compartment with cable ties or nut/bolt.



## Shore Power Connector (If Equipped)

1	 A black rectangular Climate Control Module (CCM) with a white label on top. A circular callout with the letters 'SP' points to a connector on the side of the module.	<p>Locate the Climate Control Module (CCM).</p> <p><b>Note: The CCM is typically installed under the bunk in the truck sleeper.</b></p> <p>Locate the SP connector in the harness.</p>
2	 A close-up of a black SP connector with a black cap. The cap has 'DELPHI 42' printed on it. Red and black wires are visible.	<p>Inspect the SP connector.</p> <p>If a cap is present on the connector, no further action is required.</p> <p>If a harness is connected to the SP connector go to step 3.</p>
3	 A close-up of the SP connector with a black harness connected to it. The cap is still present.	<p>Verify harness is connected to SP connector.</p>
4	 A close-up of the SP connector with the cap removed. A hand is shown lifting the locking tab on the connector to separate it from the harness.	<p>Lift the locking tab on the connector and pull the connector apart to separate.</p>