

HOBIT Technical Safety Bulletin No. 5-A

SUBJECT: Ohmeda Battery Charging Cradle

Issue Date: 9/18/19 **NOTE: Bulletin 5-A is a supplement and update to TSB No. 5**

DISCUSSION: USE OF THE NEW BATTERY CHARGING CRADLE TO REPLACE ALLIGATOR CLIPS

The initial procedure of connecting and disconnecting the Ohmeda battery pack via **alligator clips** to the charging unit has a risk of spark and possible injury to the user. To decrease this risk a battery charging "**Cradle**" (Fig. 1) is being supplied to each HOBIT site that is using the Ohmeda 5410 or 5420 Volume Monitor.

Use of the charging cradle will eliminate the need to connect the battery terminals via the alligator clips. It will also orient the positive and negative metal terminals correctly when the battery pack is placed into the cradle. Please remove the "Alligator" charging cables (Fig. 2) from the battery charger (Fig. 3) and dispose of them. The new charging cradle has a RED (positive) push-in banana connection that inserts into the RED female port on the side of the charging unit (Fig. 3 & 4) and a BLACK (negative) push-in banana connection which will insert likewise into the BLACK female port on the side of the charging unit (Fig. 3 & 4).

CAUTIONS:

1. Initially connect the new charging cradle into the battery charger with the charger unit unplugged from AC power. After the cradle is connected the charger unit can be plugged into the AC wall outlet.
2. After inserting the new positive and negative banana connections into the charging unit, **always** leave the new cradle plugged in.

Reason: If the cradle is disconnected and a battery is placed in the cradle, the positive and negative banana clips could easily touch each other and create another hazard, essentially the same as if you placed the battery pack on a conductive surface with the metal terminals facing down.

3. Always unplug the battery charger from the AC wall outlet when it is not in use.

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4. Never attempt to charge a battery if there are any visible signs of damage to the charger unit, to the power cord, to the charging cradle or to the battery pack itself.
5. If an Ohmeda battery pack has been inadvertently placed with the battery terminals down on a conductive surface or if there has been any situation (as noted in No. 2 above) where a conductive material has been placed across the positive and negative battery terminals, there is a high likelihood that the battery pack will have been damaged internally. **PLEASE DISCARD ANY BATTERY PACK WHERE THIS SITUATION HAS OCCURED. DO NOT ATTEMPT TO RECHARGE A BATTERY THAT HAS BEEN POTENTIALLY DAMAGED IN THIS WAY.**
6. Always store charged and uncharged battery packs in a **non-conductive** container and separated from the other battery packs.
7. After the charging cradle has been properly connected to the charging unit, please follow Technical Safety Bulletin No. 5 for instructions on safely charging the Ohmeda battery packs.

Please note that each hyperbaric facility is responsible to re-order their own battery packs. All of the ordering information is provided on the battery pack label for re-ordering. We would recommend replacing these batteries every 2 years, however their ability to take a charge and power the Ohmeda Monitor through a treatment may go beyond two years.

Please contact me with any concerns or questions.

Thank you,

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Fig. 1
New Charging Cradle



Fig. 2
Alligator Clips

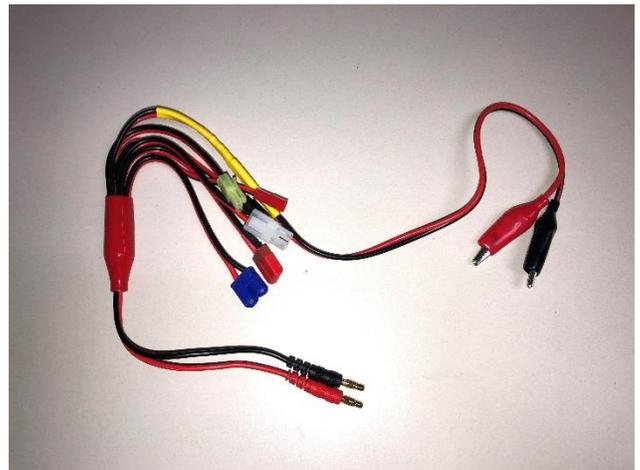


Fig. 3
Battery Charger



Fig. 4
Correct Setup

