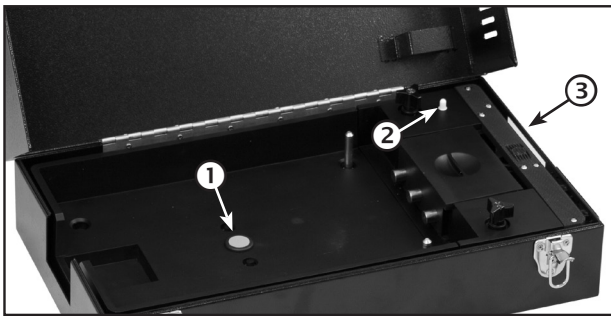


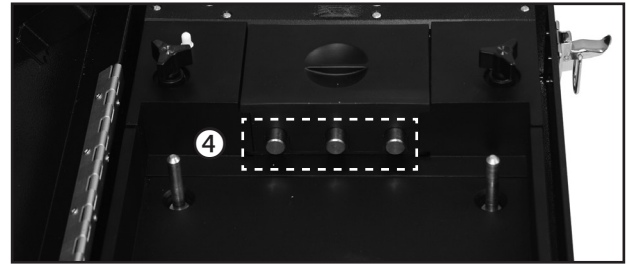
The A299 Battery Module Cradle holds and secures the Battery Module while it is being analyzed and conditioned.



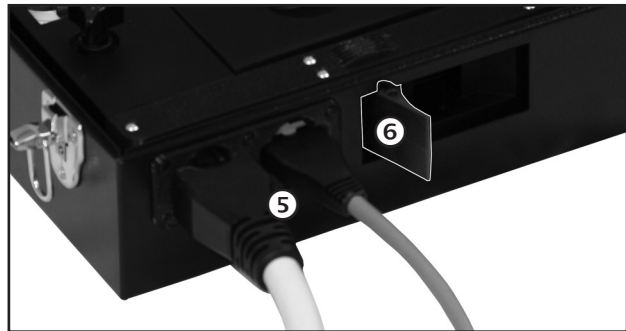
Cradle Components



- ① **Temperature Sensor**
Monitors battery module temperature during the conditioning process.
- ② **Safety Switch**
Aborts the conditioning process if the lid is opened.
- ③ **Locking Cam**
Pushes the battery module into the Spring-loaded Contacts and locks it into the Cradle.



- ④ **Spring-loaded Contacts**
Makes the electrical connections with the battery module during the Charge Balance process.



- ⑤ **CIB Cable Connections**
Sockets for the two cables that connect the cradle to the Cradle Interface Box (CIB).
- ⑥ **Locking Cam**
Locks the battery module into the battery cradle.

Using The Module Cradle

1. When prompted by the GRX-5000EV, unlatch and open the Module Cradle lid.



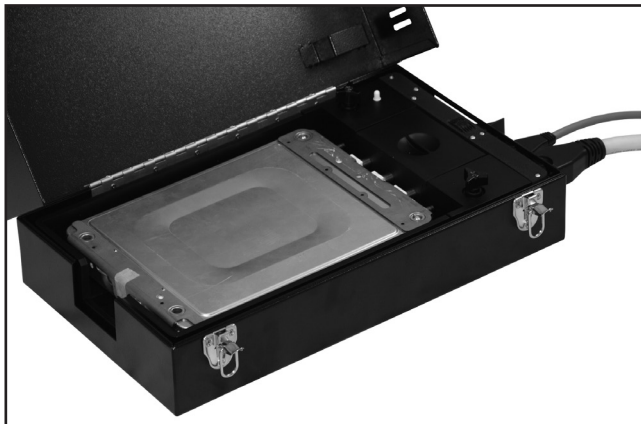
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A299 Battery Module Cradle

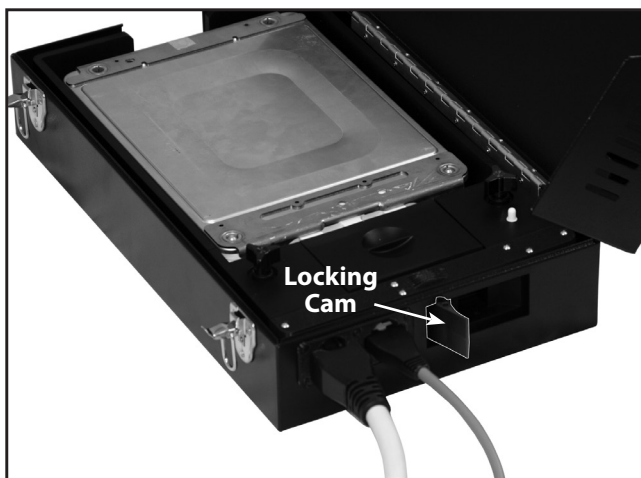
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2. Place the battery module into the cradle. Make sure the electrical connections on the end of the module are in contact with the charging/discharging studs in the cradle.



3. Close the locking cam to lock the battery module into the cradle.



4. Close cradle lid and lock the latches.