

**THANK YOU** for your purchase of this REMY Freshpack dry-charged battery kit. Please read all instructions before activating.

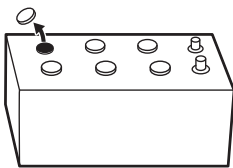
**WARNING!**

- Do not remove vent caps until you are ready to activate the battery.
- Fill only with the included electrolyte, one bottle per cell.
- Follow the instructions below for activating your battery.
- Always wear eye and skin protection when servicing a battery.
- If any electrolyte is spilled, immediately neutralize it with Sodium Bicarbonate (baking soda), and then clean with a damp rag or paper towel.

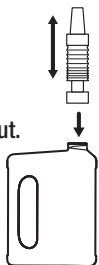
**ACTIVATION INSTRUCTIONS**

1. Remove the battery from its carton and place on a level, clean, dry surface.
2. Remove individual electrolyte bottles from their cartons.

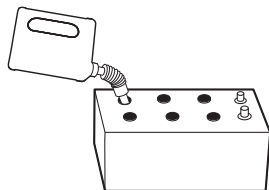
3. Remove cap from each cell of the battery. Save caps to be used after filling and charging the battery.



4. Remove cap and foil seal from electrolyte bottle and attach funnel by threading large end onto bottle spout. Expand funnel by pulling at its end. Insert end into battery cell.



5. Fill first cell with entire contents of electrolyte bottle.



6. Remove funnel, attach to second electrolyte bottle, and repeat until each cell has been filled and all bottles have been emptied. Replace caps on empty electrolyte bottles.  
*(activation instructions continued on next page)*

7. Charge the battery for 4 to 8 hours at a charging rate of 4 to 6 amperes. A fully automatic charger designed for wet lead acid batteries is recommended.

8. Replace battery caps on each cell of the battery.

**Safe Charging**

Before beginning the charging operation, read the instructions that come with the charger. **Never attempt to charge a battery without first reviewing the instructions for the charger being used.** In addition to the charger manufacturer's instructions, these general precautions should be followed:

- Always charge batteries in a well-ventilated area and **wear proper eye protection.**
- Turn the charger and timer "OFF" before connecting the leads to the battery to **avoid dangerous sparks.**
- Never try to charge a visibly damaged or frozen battery.
- Connect the charger leads to the battery; red positive (+) lead to the positive (+) terminal and black negative (-) lead to the negative (-) terminal.
- Make sure that the leads to the connections are tight.
- Turn the charger on, and slowly increase the charging rate until the desired ampere value is reached.
- If the battery becomes hot or if violent gassing or spewing of electrolyte occurs, reduce the charging rate or temporarily discontinue the charge.
- Always turn the charger "OFF" before removing charger leads from the battery to **avoid dangerous sparks.**

**Safe Handling of Battery Acid**

Battery acid, or electrolyte, is a solution of sulfuric acid and water that can destroy clothing and burn the skin. Use extreme caution when handling electrolyte and keep acid-neutralizing solution – such as baking soda or household ammonia mixed with water – readily available.

When handling battery acid:

- **Always wear proper eye, face and hand protection.**
- If the electrolyte is splashed into an eye, immediately force the eye open and flood it with clean, cool water for at least 15 minutes. Get prompt medical attention.
- If electrolyte is taken internally, drink large quantities of water or milk. **DO NOT** induce vomiting. Call a physician immediately.
- Neutralize any electrolyte that spills on a vehicle or in the work area with baking soda. After neutralizing, rinse the contaminated area clean with water.

**DANGER OF EXPLODING BATTERIES**

Batteries contain sulfuric acid and produce explosive mixtures of hydrogen and oxygen. Because self-discharge action generates hydrogen gas even when the battery is not in operation, make sure batteries are stored and worked on in a well-ventilated area. **ALWAYS** wear safety glasses and a face shield when working on or near batteries:

- Always wear proper eye, face and hand protection.
- Keep all sparks, flames and cigarettes away from the battery.
- Do not remove or damage vent caps.
- Make sure work area is well ventilated.
- Never lean over battery while boosting, testing or charging.

**PROPOSITION 65 WARNING:**

Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. Wash hands after handling.

**WARNING:**

Risk of fire, explosion or burns. Do not disassemble or incinerate. Not recommended for inverted use. Follow product charging instructions.

**KEEP VENT CAPS TIGHTLY IN PLACE.**

Dry charged batteries may be placed in service immediately after activation. However, to insure good performance, the following additional steps are recommended:

1. Check the specific gravity of all cells. Under good storage conditions, the specific gravity upon activating a dry-charged battery will drop approximately 0.010 points and the temperature will rise 7° to 10°F (4° to 5.6°C) within twenty minutes of activation. A battery under these conditions requires little boost charging. However, should the specific gravity drop 0.030 points or more, with a corresponding increase in temperature, the negative plates are oxidized and the battery should be FULLY RECHARGED before use. In addition, the battery should be recharged if one or more cells gas violently after the addition of electrolyte.
2. After electrolyte is added, check the open circuit terminal voltage of the battery. If a 12-volt battery reads less than 11 volts (less than 5 volts on a 6-volt battery), this is an indication of either a reversed cell, an "open" circuit, or a shorted cell, and the battery should be replaced after fully testing.
3. When a dry charged battery has been activated and not put into service, it must be maintained, handled, and kept charged like any other wet lead acid battery.
4. When charging is necessary, charge batteries using a fully automatic charger until the specific gravity of the electrolyte is 1.225 or higher and the electrolyte temperature is at least 60°F (15.5°C). If the electrolyte gasses violently while charging, reduce the charging rate until moderate bubbling action is achieved.
5. If the ambient temperature is 32° (0°C) or less, it is imperative that the above instructions be followed and the battery is fully charged before being put into service.

Looking for a hydrometer, voltmeter, charger or other battery related tools or accessories?

Visit [www.remybattery.com](http://www.remybattery.com) for these and other battery and battery related items.



# FRESHSTART™

ACTIVATION INSTRUCTIONS