

# BATTERIES: CHARGING, TESTING AND JUMPING

## Procedure steps for properly charging a battery:

### Steps:

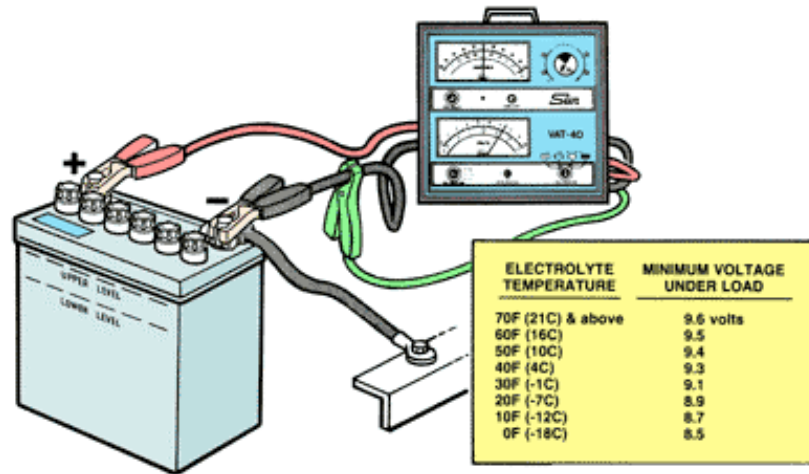
- Make sure battery charger is unplugged.
- Connect charger to battery.  
Make positive-to-positive connection.  
Make negative-to-negative connection.
- Set charging rate, voltage and note the time.
- Plug in charger, turn charger on.
- ◆ To stop charging, turn charger off and unplug.
- ◆ Remove charging connections from battery in reverse order.



## Load testing battery procedure:

### Steps:

- Ensure there is no load from carbon pile.
- Connect load tester to battery. (- Neg last)
- Apply load for no more than 10 seconds
- Record voltage reading.
- If voltage remains above 9.6volts,  
Test again after 1 min.
- If voltage falls below 9.6volts, charge battery.
- Re-test, if voltage drops below 9.6 volts replace battery.



## Procedure for properly jumping a battery:

### Steps:

- Connect both positive terminals, Together with jumper cables.
- Connect negative cable To negative terminal of good battery, Also known as donor vehicle's battery.
- Connect negative cable to good known Ground source away from battery On vehicle being jumped.

## Jumper Cable Setup

