

# WPS FeatherWeight Lithium Ion Polymer Batteries

## Installation

- Check the battery voltage with a voltmeter, if the battery voltage is less than 12.4 volts, recharge the battery
- Always follow the vehicle manufacturer's installation procedure, make sure the battery is securely mounted and battery cables are securely fastened with the proper hardware.
- Correctly connect the positive and negative cables, if possible, connect positive cable first
- In colder temperatures, it may be necessary to press the starter button a few times before engine cranking will occur. This will allow the battery to warm internally and come up to full cranking power. Cranking performance may be adversely affected at temperatures lower than 25° F

## Charging

- Remove the battery from the vehicle while charging
- If the battery becomes hot to the touch while charging, discontinue charging and allow the battery to cool before resuming charging procedure
- To fully charge the battery, charging voltage should be between 14 and 15 volts
- After charging, allow the battery to sit for at least one hour before testing the voltage. If the voltage is less than 12.4 volts, additional charging will be necessary
- **DO NOT** use a de-sulfation (high voltage pulse) type charger
- **DO NOT** use a charger that does not have an automatic shut off feature

## Storage

- It is recommended to disconnect the battery when in long term storage
- Fully charge the battery prior to long term storage, completely recharge the battery every 180 days while in storage
- Store the battery in a clean, dry, well ventilated area where it cannot come in contact with fire, heat or corrosive substances
- **If the battery voltage is less than 12.4 volts, recharge the battery**

## Disposal

- Go to [www.call2recycle.org](http://www.call2recycle.org) or call **877-723-1297** to find your nearest lithium battery recycling location (U.S. and Canada)

## WARNINGS

- **DO NOT** immerse the battery in water
- **DO NOT** use or store the battery near sources of fire or heat
- **DO NOT** reverse the positive (+) and negative (-) terminals
- **DO NOT** connect the positive and negative terminal together
- **DO NOT** puncture or otherwise damage the battery case
- **DO NOT** subject the battery to severe physical shock
- **DO NOT** solder the battery terminals
- **DO NOT** attempt to disassemble or modify the battery in any way, this may cause battery damage and **will** void the warranty
- **DO NOT** charge the battery with voltage over 15 volts or battery damage may occur (which will void the warranty)
- **DO NOT** use the battery in conjunction (or in series) with any other battery
- Damage to the battery and vehicle may occur if the terminals/cables are not fastened properly and securely
- Remove the battery from use immediately or discontinue charging if it gives off an odor, generates high heat or becomes discolored or deformed

**Failure to failure to comply with the above procedures may result in battery failure, property damage and will void the warranty.**