

ACDelco Recommendations for Proper Battery Handling:

- **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:** Sulfuric Acid can cause blindness or severe burns.
- Shield eyes explosive gases can cause blindness or injury
- **DANGER:** Cigarettes, flame or sparks could cause battery to explode. Always shield eyes and face from battery. Do not charge or use booster cables or adjust post connections without proper instruction and training. KEEP VENT CAPS TIGHT AND LEVEL
- **CAUTION:** All lead-acid batteries generate hydrogen gas, which is highly flammable. If ignited by a flame or spark, the gas may explode violently. When working near batteries, always wear safety glasses, remove watches or jewelry, and avoid causing sparks with tools. KEEP OUT OF REACH OF CHILDREN
- If splashed with acid, immediately flush area with water and seek medical attention.
- If treated with care and taking the proper precautions, lead acid batteries can be handled safely with minimum risk. However, lead acid batteries contain sulfuric acid which is both poisonous and corrosive. This makes them potentially hazardous and can cause serious injury when standard handling procedures and safety measures are not respected.
- Lifting tools are available for carrying batteries. ACDelco recommends the type that grasps the battery case. When grasping the case, do so on the sides, not on the ends. This

transfers pressure to the cell partitions and prevents the case from flexing.

- Movement of the case under the lifting tool pads can cause the battery to slip out of the tool. Do not tilt the batteries when carrying them.
- Keep the battery within 45° of level as it is moved into the vehicle. Tilting the battery beyond this amount causes the internal vent system to become flooded with electrolyte and may result in acid leaking from the vents.
- In the event the battery is temporarily tilted beyond these limits, no harm will usually be done to the battery unless electrolyte actually leaks out through a vent port. Internal baffles in the battery will normally return the electrolyte to the cell areas if the battery is promptly set upright and allowed to stand without use for a short period of time to permit the internal baffle areas to drain. If the battery is used too quickly, internal gassing can push the displaced electrolyte out through a vent port as liquid or foam.