



# DYNAMIC

## BATTERIES

# BATTERY REMOVAL & INSTALLATION

**POISON/DANGER – CAUSES SEVERE BURNS  
KEEP OUT OF REACH OF CHILDREN**

This is the 10 step procedure for the removal and installation of an automotive battery:

Note: Before disconnecting the battery, record radio settings etc., if applicable, and refer to vehicle manufacturer's handbook for any other necessary precautions. Do not place tools on top of the battery.



1

Before removing the old battery, note which terminal (+) or (-) is connected to the grounding cable. The grounding cable is connected to the engine or frame.



2

Disconnect grounded cable first to prevent sparks caused from short circuiting. Disconnect the other cable from the terminal post and then remove battery and battery hold downs from the car.



3

Inspect the battery tray hold downs, clamps and replace items damaged by excessive corrosion. Use a wire brush to clean corrosion from battery tray and clamps.



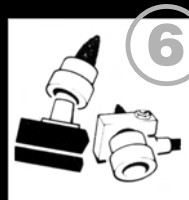
4

Clean all corrosion from tray, hold downs and cables. Rinse thoroughly with clean water.



5

Before installing, check the battery for full state of charge with a hydrometer or battery tester. If the specific gravity readings are low, the battery should be charged before installing. During winter, a full state of charge is critical before the battery is installed for maximum starting power and protection against electrolyte freeze.



6

Using a post and clamp cleaner, clean both battery terminals and inside both cable clamps until they have a bright metallic shine. The cleaning ensures good electrical contact.



7

**VERY IMPORTANT STEP**  
Carefully place the new battery in the tray making certain the correct (+) or (-) terminal is in the proper position in relation to the grounded cable. This procedure ensures correct polarity. Also, put on the battery hold downs but do not tighten at this point.



8

Connect the ungrounded cable first (the reverse of the procedure in removing the battery), then connect the grounded cable. Make sure both cable connections to the terminals are tight. Coat the terminals and cable clamps with petroleum jelly.



9

The hold down nuts can now be tightened snugly. Do not overtighten.



10

Installation is complete. To ensure battery is installed correctly, turn ignition key on. If battery is properly installed, the ammeter or warning light will show discharge.