

BATTERY INSTALLATION GUIDE

Safety tips before you begin:

- Wear safety glasses and gloves.
- Wear steel-toed shoes.
- Be careful not to touch metal tools to the positive and negative terminals simultaneously.
- Be careful not to touch any metal while loosening the fastener for the positive cable clamp.

Tools required:

- Wrench
- Terminal brush
- Ratchet, socket(s) and extension (optional)
- Flathead screwdriver (optional)
- Terminal spreader (optional)
- Terminal puller (optional)

STEP 1 - REVIEW ALL SAFETY PRECAUTIONS PRIOR TO BEGINNING.

STEP 2 - DISCONNECT THE NEGATIVE BATTERY CABLE.

Locate the negative terminal, it will have a minus (-) symbol. Disconnect the negative cable clamp by loosening the clamp fastener. Be sure not to touch the positive terminal when loosening the negative fastener. You will need a wrench to loosen the fastener. Once removed, set the cable off to the side.

STEP 3 - DISCONNECT THE POSITIVE BATTERY CABLE.

Locate the positive terminal, it will have a plus (+) symbol. It may be covered by a cap, fuse panel or other vehicle component. Disconnect the positive cable clamp by loosening the clamp fastener. Once the clamp has been removed, replace the cap on the positive cable clamp or wrap it in a towel. Set it off to the side and do not allow it to touch any metal on the vehicle during the entire replacement process.



Step 3 - Disconnect the positive cable.

STEP 4 - REMOVE THE HOLD DOWN BRACKET.

All batteries will be held securely in place by a hold down – typically a bracket across the top of the battery or at the base of the battery. It is normally secured with one or more fasteners. Loosen and remove the fastener(s) and hold down bracket. You will need a wrench. A ratchet, socket and extension can make the job easier on batteries that are secured at the bottom.

STEP 5 - REPLACE THE BATTERY.

Safely lift out the old battery from the vehicle and insert the new battery in its place. Clean the battery tray and then install the new battery.

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STEP 6 - CLEAN THE TERMINALS AND CABLE CLAMPS.

Prior to connecting the new battery, use a wire brush to clean the terminals of the new battery, as well as the positive and negative cable clamps.

STEP 7 - REINSTALL THE HOLD DOWN BRACKET.

Insert and tighten the fastener(s).

STEP 8 - REINSTALL THE POSITIVE BATTERY CABLE CLAMP TO THE POSITIVE TERMINAL.

Make sure the clamp is seated all the way down, then tighten the fastener. Do not pound the cable clamps onto the terminal and do not overtighten the fasteners.

STEP 9 - REINSTALL THE NEGATIVE BATTERY CABLE CLAMP TO THE NEGATIVE TERMINAL.

Make sure the clamp is seated all the way down, then tighten the fastener. Do not pound the cable clamps onto the terminal and do not overtighten the fasteners.



Step 6 - Clean the terminals.



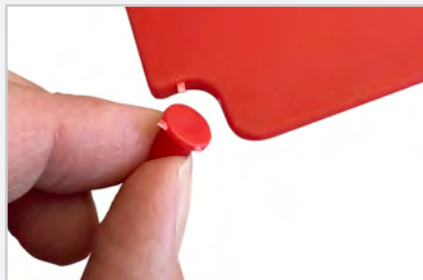
Step 8 - Reinstall the positive cable.

BATTERY VENTING MAY BE REQUIRED

Consult the vehicle owner's manual to determine if battery venting is required. A battery that is not properly vented can lead to the buildup of harmful gases inside the vehicle. If required, then connect the vehicle's vent hose to the closest battery vent. Install the included vent plug in the side of the battery that is OPPOSITE to the vent hose.



Locate the Vent Plug on the corner of the Red Positive Terminal Cover.



Detach the Vent Plug.



Insert the Vent Plug in the side that is opposite the vent hose.