

Fig. 6—Cleaning Battery

USED WHENEVER THE BATTERY IS TO BE REMOVED FROM THE VEHICLE.

(4) Inspect battery carrier for damage caused by loss of acid from battery. If acid damage is present it will be necessary to clean area with a solution of clean warm water and baking soda. Scrub area with a stiff bristle brush and wipe off with a cloth moistened with ammonia or baking soda in water.

(5) Clean top of battery with same solutions as described in Step (3) (Fig. 6).

CAUTION: Keep cleaning solution out of battery cells for it will weaken the electrolyte.

(6) Inspect battery case and cover for cracks. If cracks are present battery must be replaced.

(7) Clean battery post with a suitable battery post cleaning tool (Fig. 7).

(8) Clean the inside surfaces of the terminal clamps with a suitable battery terminal cleaning tool. Replace damaged or frayed cables and broken terminal clamps (Fig. 8).

(9) Connect cables to battery observing correct polarity.

(10) Tighten hold-down clamp nuts to 3 foot pounds torque. **Do not over tighten for damage to battery case and/or cover will occur.**

(11) Connect cable clamps to battery post and tighten securely. Coat all connections with light mineral grease **after tightening.**

(12) If electrolyte level is low, fill to recommended level with mineral free water.

TESTING SPECIFIC GRAVITY

Battery Test Indicator (Fig. 9)

Battery condition can be checked at a glance by referring to the test indicator. The indicator is a built-in hydrometer which replaces one of the battery

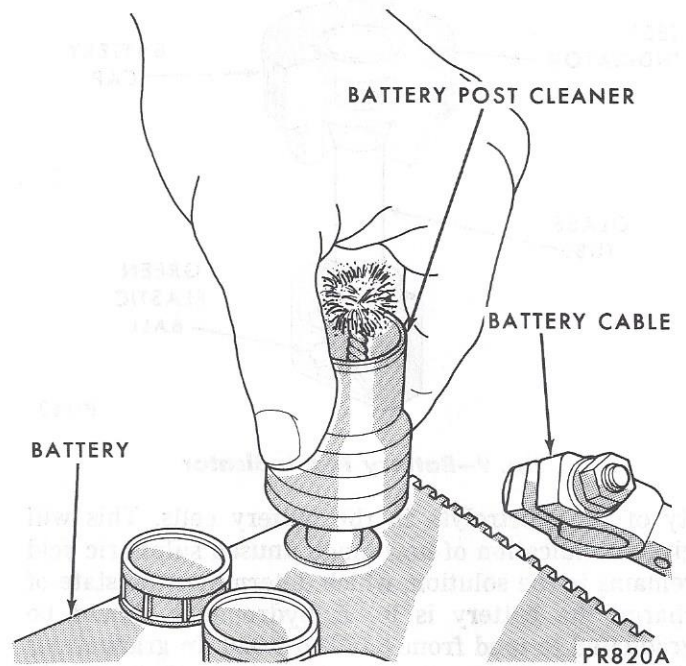


Fig. 7—Cleaning Battery Post

filler caps. It encloses a green plastic ball which floats when the specific gravity of the electrolyte is within specification and sinks when it's not. The indicator shows green if the battery is above 75 percent to 80 percent of being fully charged and "dark" if it needs recharging. Light yellow means the battery requires water.

Hydrometer (Fig. 10)

The hydrometer is used to measure the specific grav-

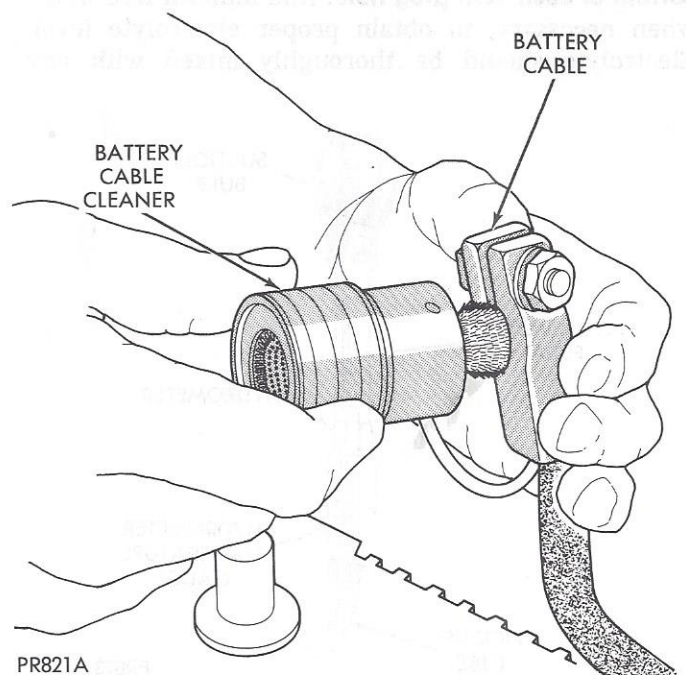


Fig. 8—Cleaning Battery Cable Terminal