

Service-Information



Group 61 General Electrics	April 1980	Bulletin No.: 61 007 80(2020)
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- For U.S.A. and Canada Only -

Subject: Batteries - R 65 to R 100 RT

The following are hints and tips on the care of batteries to achieve utmost performance:

STORAGE

New Batteries, without acid, should be stored in a dry area.

Filled Batteries should be charged periodically with a trickle charger with no more than 0.06 amps. If stored for longer periods of time, the batteries should be:

- charged once a month.
- discharged and re-charged immediately every third month.

FILLED BATTERIES SHOULD NEVER BE STORED IN AN UNCHARGED CONDITION.

INITIAL SERVICE OF NEW BATTERIES

Remove battery from motorcycle frame before filling.

When filling, batteries and electrolyte should have a temperature of at least $+10^{\circ}\text{C}$ (50°F).

Fill the cells with pure accumulator electrolyte (battery acid) of 1.28 temperature correct specific gravity (in tropical climates 1.23 s.g.) up to the acid level mark on the battery case or 5 mm (0.2") above top of the plates (not top of the separators).

Allow the battery to stand for 15 minutes, then slightly shake the battery and re-adjust electrolyte level, if necessary.

As chemical action causes the battery to heat up when filled with electrolyte, it should be allowed to cool for two hours before charging. The battery must be charged on set-up as low temperatures and unfavorable storage conditions may have an affect on the manufacturer's 'dry charge'.

Charge the battery at 1/10 of its ampere hour (AH) rating until fully charged. Do not allow the electrolyte temperature to exceed 131°F (55°C) as damage could occur to the battery plates.

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Continue the charge until the temperature corrected specific gravity of the electrolyte in each cell reaches 1.21 or more and remains steady for two hours.

Re-check for correct electrolyte level and install the filler plugs.

Wash the battery outside casing to remove any electrolyte residue.

Install into the motorcycle.

After attaching the battery cables, lubricate the poles and cable ends with acid-free grease (Vaseline). Install the breather elbow and hose after inspecting for unobstructed flow. Care must be taken to install the breather hose correctly to avoid acid damages to any part of the motorcycle.

In case of defects, please check and correct as follows:

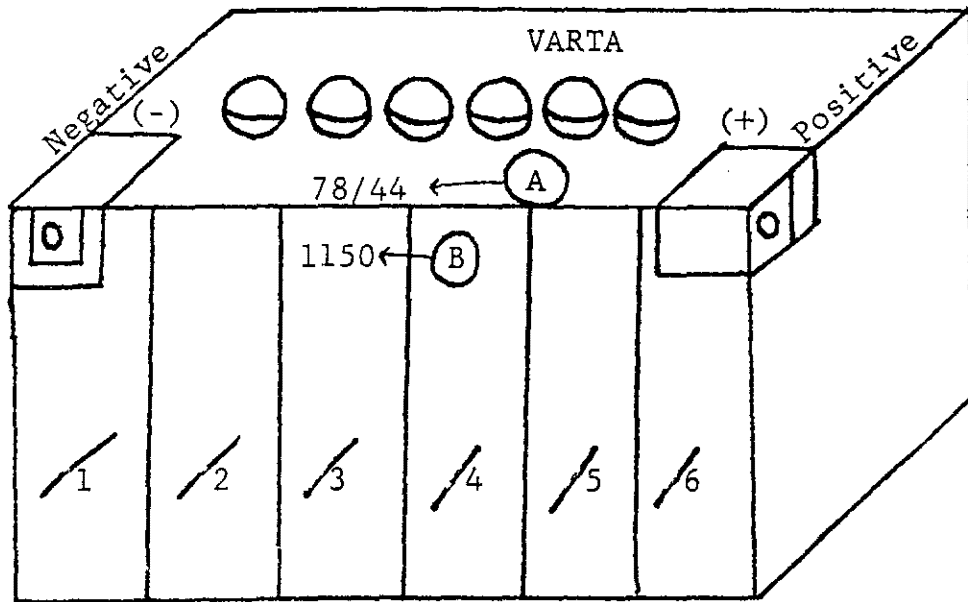
<u>Possible Defect</u>	<u>Remedy</u>
Battery connections dirty or loose	Cleaning and/or tightening of connectors; re-coat with acid-free grease (Vaseline).
Acid level too low	Refill with distilled water ONLY, up to the maximum level indicator.
Battery discharges	Re-charge and/or check for possible charging system faults.
Internal discharge due to dirty battery acid	Exchange battery.
Battery sulfation (grey/white accumulation on the plates).	Charge battery slowly with low amperage to retard the sulfation. If necessary, repeat charging and discharging.
Internal shorts	Exchange battery.

IMPORTANT: The battery mounting must be in perfect condition (tight, all rubber parts in good condition, and both battery cables are secured to the frame in such manner that they do not exert any pull on the battery poles).

Please read the manufacturer's instructions and give them to your customer with either a new motorcycle or a new battery.

VARTA BATTERY TEST REPORT

1. V.I.N. _____
2. Number Stamped At (A) _____
3. Number Stamped At (B) _____
4. Record the specific gravity reading in each cell just above the cell number. Floating ball locations are not acceptable.
5. Replacement battery purchased on _____
Invoice No. _____

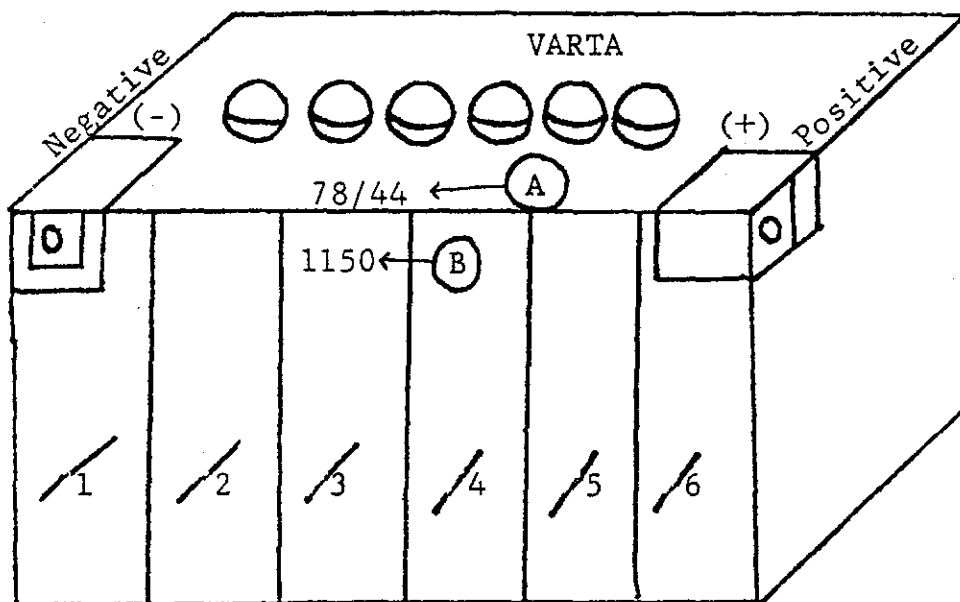


Staple this sheet to Warranty Request Form.
Incomplete reports will be rejected.

BUTLER & SMITH, INC.
Warranty Department

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