



SERVICE BULLETIN

RADCO SALES LTD. — TECHNICAL SERVICE

SUBJECT: BATTERY NOT CHARGING
Affected Models: Three Cylinder Models
Effective Engine No.: Before E.#'s GT380-38764
GT550-27536 & GT750-33504
Reference:

Bulletin No. 137
Date June 11th 1973
Page 1 2

PROBLEM:

Weak and dead batteries on the affected models.

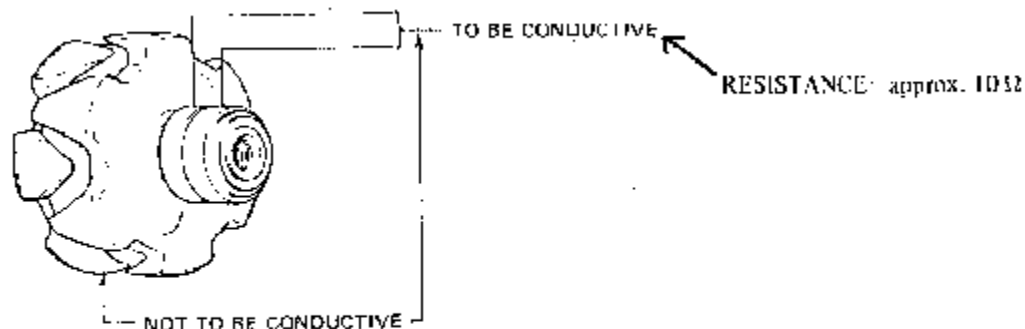
BACKGROUND:

Alternators manufactured by KOKUSAN on the 380 and 550 do not have this problem. Alternators made by NIPPON DENSO on these machines sometimes have this problem, and the 750 which is built with only ND alternators may experience it as well.

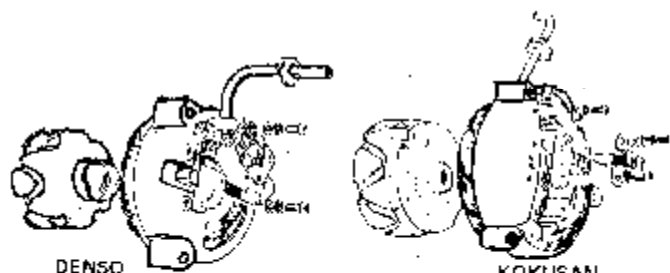
The early rotor coil was wound on a plastic bobbin then taped outside and fitted between the rotor poles with no space allowed for expansion of the coil windings when warm. The new type have their coil wound loose, then taped all around in the same manner as a new tire is wrapped. The coil is fitted with a felt spacer to allow the windings to expand and contract.

TESTING:

Before condemning a rotor, check its continuity from brush ring to brush ring using an ohmmeter, (Suzuki Pocket Tester, reading: 10 \times resistance) or a battery with a lamp, there should be conductivity. From either ring to the rotor body, or ground, there must be no continuity. Do not change the rotor point blank, as the problem could be in the voltage regulator, the rectifier, the wiring, or the battery itself.

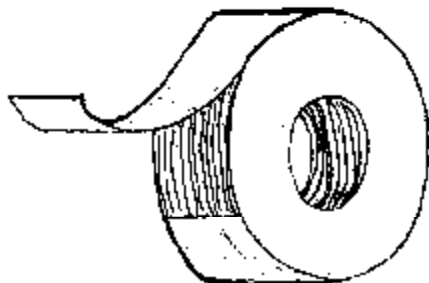


APPEARANCE:

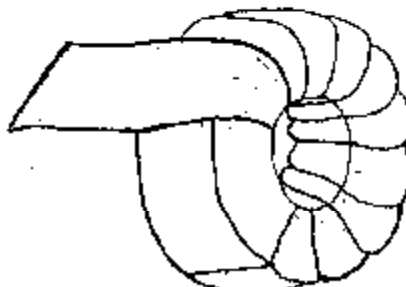


RADCO SALES LTD.
1107 Homer Street, Vancouver 3, B.C.
Phone (Area Code 604) 683-3271 Telex 04-507742

DIFFERENCE IN APPEARANCE:



OLD



NEW

IMPORTANT NOTE:

As explained in Parts Bulletin No. 73-7, the ND rotor part number is missprinted in the 1973 GT380J/K parts catalogue and the 750 rotor part number is shown. If not already done please change page 13, reference 7, from 31402-31011 to 31402-33011.

RADCO SALES LTD.
Technical Service Section.