



# SERVICE BULLETIN

RADCO SALES LTD. TECHNICAL SERVICE

SUBJECT: \_\_\_\_\_  
 Affected Models: DAY-TIME CHARGING PROBLEMS  
 Effective Engine No.: T250, T350.  
 Reference: All

Bulletin No. 135  
 Date May 21/73  
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## PROBLEM:

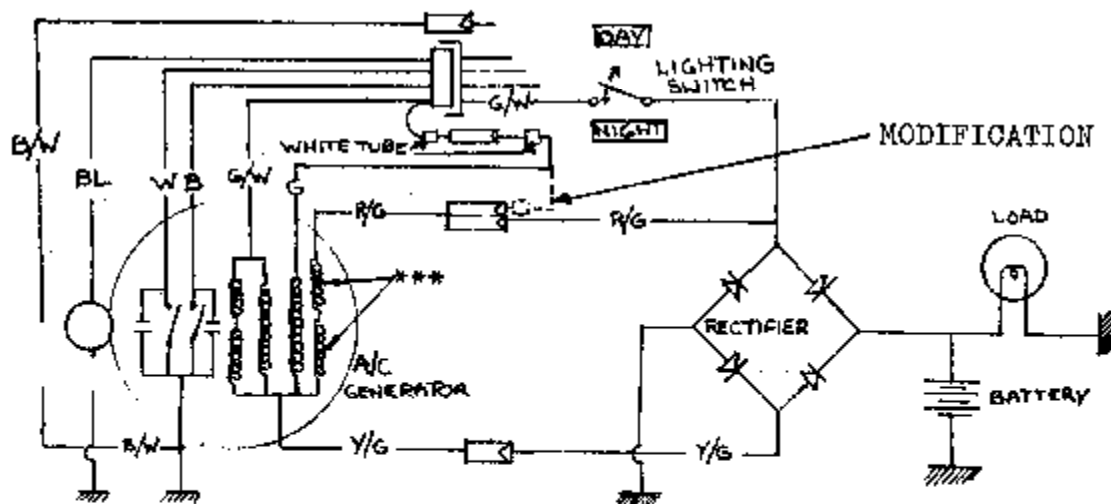
Insufficient charging rate during day-time riding.

## BACKGROUND:

The wiring diagram below is that of the AC generator assemblies under the part numbers 31400-18520 and 31400-18521.

As the diagram shows, the generator charges the battery with two coils connected in series when the ignition switch is in the day-time position. The two appropriate coils are marked (\*\*\*) on the diagram.

The battery is charged by all the coils in the generator when the ignition switch is in the night-time position.



G/W: Green with White Tracer  
 G: Green  
 R/G: Red with Green Tracer  
 Y/G: Yellow with Green Tracer

BL: Blue  
 B: Black  
 B/W: Black with White Tracer  
 W: White

MODIFICATION:

The charging capacity of the machine can be increased when the ignition switch is in the daytime position by disconnecting the white and green wires (These are connected on the diagram in the area where you see the words 'white tube') and connecting the removed male end of the green wire to the female coupler on the red/green wire.

As you can see, the charging rate in the night-time position remains unaffected as the extra coil brought into play by this modification is still utilized during night time riding.

This modification should only be performed when the customer complains of insufficient charging when riding during the day, and the rectifier and wiring and all component electrical ground circuits are in good condition.

NOTE:

The Service Department should be aware that there have been several modifications to the AC generator on the T250 and T350. You should make yourself familiar with these changes by asking to see the "Supplement for T350 Parts Catalogue" supplied to your Parts Department.

RADCO SALES LTD.,  
Technical Service Section.