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DATE March 5, 1975
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SUBJECT: "RV" REMOTE WIRING CONNECTIONS
DIFFERING FROM STANDARD "ONAN"
WIRING DIAGRAMS

REF. FILE# S-39

MODEL(S) or SERIES:

EFFECTIVE: IMMEDIATELY

"CCK" AND "NH" GENERATOR SETS USING THE
300-0859 PRINTED CIRCUIT BOARD CONTROL

GENERAL INFORMATION:

Sports Coach, Executive and several other Motor Home manufacturers are making wiring connections to this printed circuit board that differ from those shown on the standard "Onan" wiring diagrams.

Connections for the Remote Start-Stop functions for these manufacturers are the same as those used on standard "Onan" wiring diagrams. Terminals 13 and 14 are for "Stop" connections and terminals 15 and 16 are for "Start" connections.

The differences occur when connections are made for the Generator Run light, Running Time meter and B+ to the Printed Circuit Board.

SPECIFIC CHANGES:

Terminal #8 on the board is used to provide 12 volts for operating the Generator Run light and the Running Time meter. In some cases a fuse is installed in this line.

A separate wire is connected from the Battery Positive terminal to terminal #5 to place B+ on the board. This wire replaces the factory installed wire between the Start Solenoid B+ terminal and terminal #5 on the Printed Circuit Board.

If the wire from terminal #8 shorts to ground, damage can occur to the Q2 transistor which in turn would disable the Start-Disconnect Circuit. This results in the Start Solenoid staying energized until the Start pushbutton is released. The G1R1 Charge Resistor, located in the Generator End Bell, can also be Overheated, which in turn would disable the Battery Charging Circuit.

WARRANTY POLICY:

These connections are made with "Onan's knowledge." Standard Motor Home Warranty policy applies to these units Except for Circuit Board failures as described above, resulting from a "Shorted Customer installed wire" or "Faulty wiring made by others."

This bulletin is for informational purposes.