

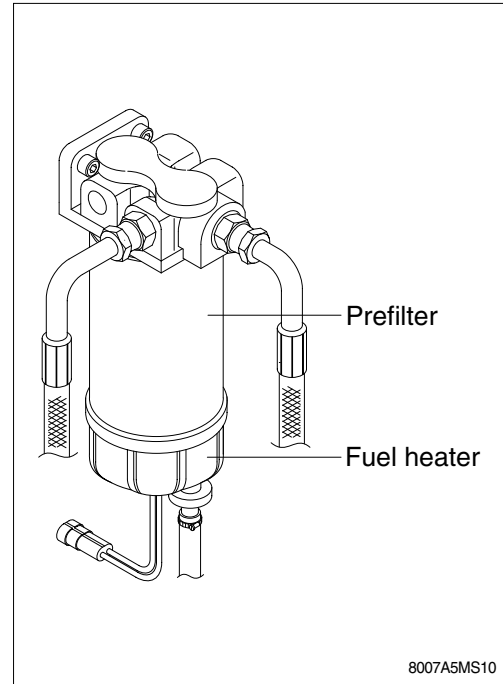
GROUP 13 FUEL WARMER SYSTEM

1. SPECIFICATION

- 1) Operating voltage : $24 \pm 4V$
- 2) Power : $200 \pm 50W$
- 3) Current : 15A

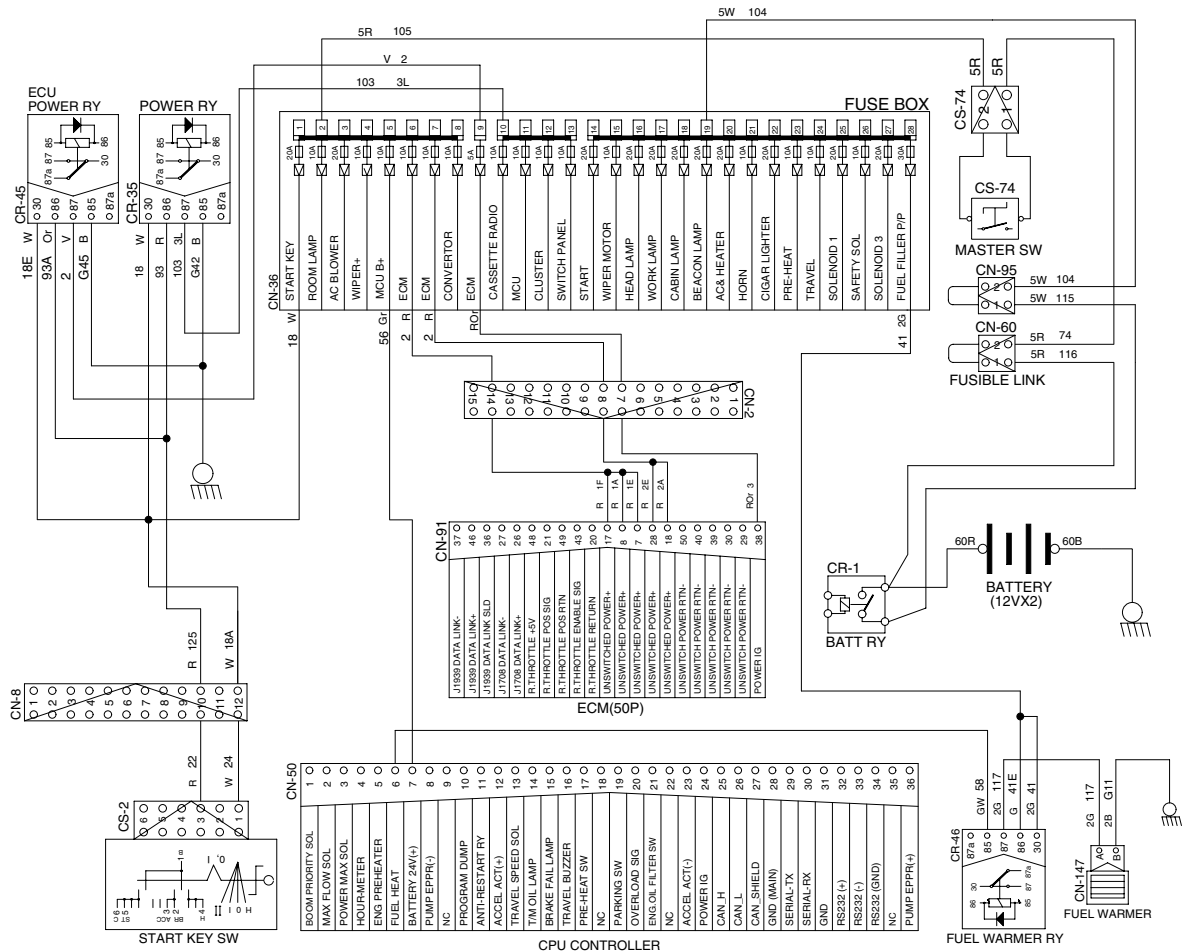
2. OPERATION

- 1) The current of fuel warmer system is automatically controlled without thermostat according to fuel temperature.
- 2) At the first state, the 15A current flows to the fuel warmer and engine may be started in 1~2 minutes.
- 3) If the fuel starts to flow, ceramic-disk in the fuel warmer heater senses the fuel temperature to reduce the current as low as 1.5A.
So, fuel is protected from overheating by this mechanism.



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3. ELECTRIC CIRCUIT



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