



| Managed by | Region(s) | Model(s) | N° PMI                             | Release date | Pages |
|------------|-----------|----------|------------------------------------|--------------|-------|
| MaPP ART   | ALL       | All      | PMI_ART_101118_F_Diesel_Heater_All | 10/11/2018   | 2     |

## Engine Heater, diesel fuel AH31017

### Introduction

The engine heater is used when the machine is not operating (e.g. parked during the night) to make it easier to start the engine at low ambient temperatures by pre-heating the engine, as well as keeping a comfortable warmth in the cab. This also increases the lifetime of the engine.



Picture 1. Display and control unit.

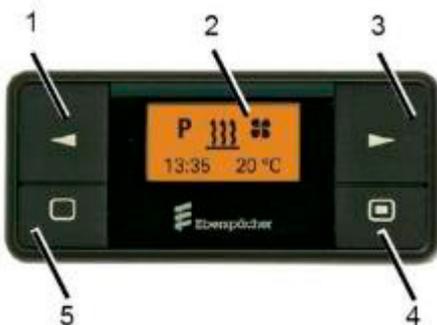
**A25G – A60H:** 12kW, 1 burner.

The burner is fueled with diesel from the machine's fuel tank.

- There are six different heating flow levels; they are automatically chosen by the system depending on the engine coolant's current temperature. When the coolant temperature reaches 85 °C (185 °F), the heating will be turned from Low to Off.
- The heater unit works independently from the key ignition and the main switch.

- The control/timer for the heating is mounted in the cab and conveniently positioned on the left hand side of the instrument panel, see picture 1. The heating is programmable by the operator:
  - Switch on/switch off the heating.
  - Set/change heating duration.
  - Program (pre-select) several starting times for heating.
  - Activate heating directly.
  - This option is a good supplement to the Siberian Kit, see option catalogue or separate PMI.

### Display and control unit for Engine Heater



Picture 2. Display and control unit.

The operation of the heater is programmable by the operator. Functions include:

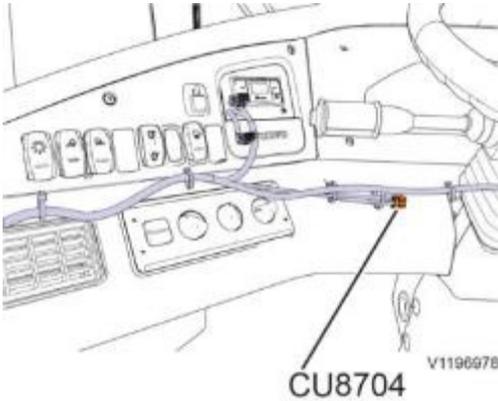
- Switch on/off the heater.
- Set/change heating duration.
- Program (pre-select) several starting times for heating.
- *Activate heating directly (without pre-selection). (Long press on 4)*

1. Backwards
2. Display
3. Forward
4. Confirm
5. End/Esc

Detailed operating instructions for the control unit (timer), including programming and fault diagnostics, with description of error codes, which can be found in the Operator's Manual.



**Prepared for remote operation controls**



Picture 3. Connector CU8704 position.



Picture 4. Module position

Picture 5. Example of mobile app.

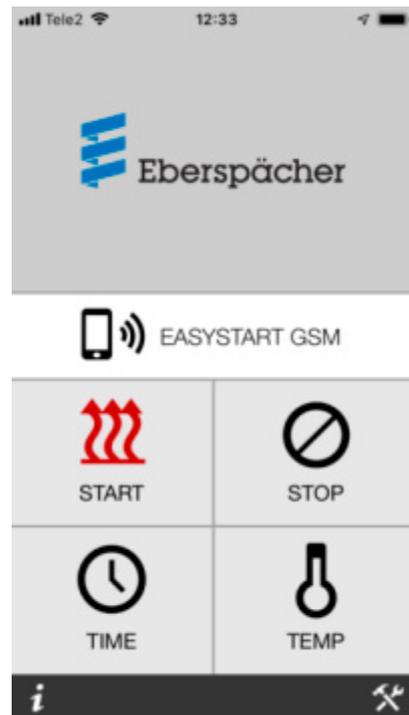
All machines are prepared with a connector so that a user-friendly operational control can be installed to make it easy to remotely control the diesel heater.

The connector is located behind left side panel, and the module could be mounted on cab beam with straps (see fig 3 and 4).

Note:

Not sold via Volvo.

Please contact your local Eberspächer representative for offering and detailed information on remote operation controls.



**Customer benefit**

- Durability
- Comfort

**Release**

Already in production

| A25G | A30G | A35G | A40G | A45G | A60H |
|------|------|------|------|------|------|
| •    | •    | •    | •    | •    | •    |