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REF: MV/250114

SUBJECT: Eberspächer Easy Start Select – No temperature display three dashes

What does three dashes on an Easy Start Select mean? Three dashes on the display means that the controller is unable to identify the ambient air temperature. This missing temperature reference is due to a missing link on the heater harness and can cause the heater to work on full power, ignoring the temperature setpoint.

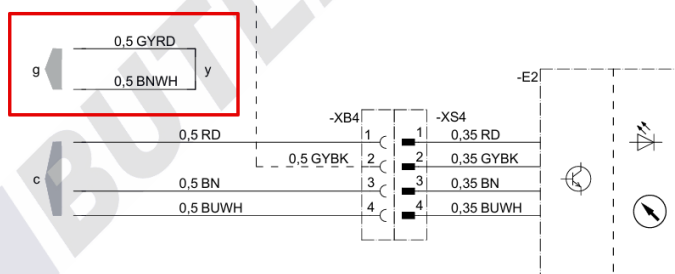
This article is suitable for:

- First generation - Eberspächer (Espar) Airtronic D2, D4, D4S Plus and D5 heater models (H-Kit)
- Second generation - Eberspächer (Espar) Airtronic S2 D2L, M2 D4I, M2 D4R, M2 B4L heater models
- Third generation – Eberspächer (Espar) Airtronic S3 D2L, M3 D4L, M3 D4R, M3 B4L, L3 D6L heater models

Please note – before any changes are made to the heater connections and wiring harness, be sure to disconnect both the controller and heater from power.

The grey/red wire must be joined to the brown/white wire on the heater harness

Joining the grey/red wire and brown/white on the heater harness indicates that the heater ECU temperature sensor must be used to identify the ambient air temperature, see diagram below. The air drawn in to heat through the front fan will be monitored and the temperature will then be displayed on the screen.



Connections (wiring harness – Select controller):

- Red (pos) – Red
- Brown (neg) – Brown
- Blue/White – Blue/White

Cables to join to each other on the wiring harness:

- Grey/Red and Brown/White

The yellow wire is no longer required for switching, insulate and tape back all unused cables individually.

Temperature is displayed on the Easy Start Select but the heater runs on full power

If the installation is drawing air in from outside of the vehicle or boat, you will need to introduce an additional temperature sensor to monitor the ambient air temperature inside.

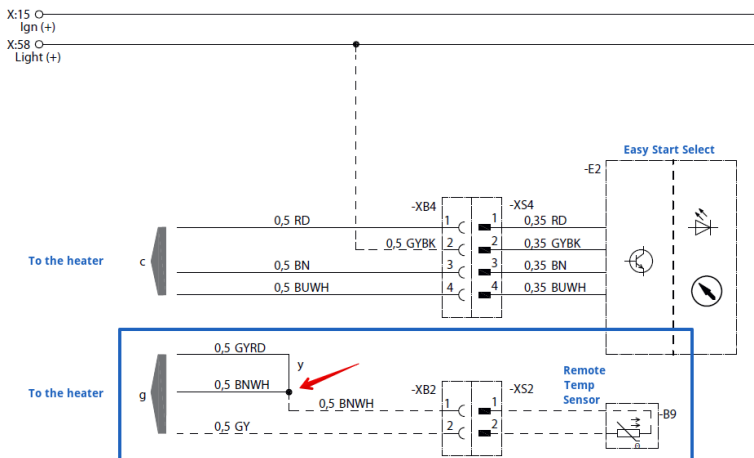
When a remote temperature sensor is connected, it will override the heater internal temperature sensor.

Connections to the heater harness (heater harness – remote sensor)

- Grey/Red and Brown/White – Brown/White (sensor)
- Grey – Grey

EasyStart Select connection

Airtronic, Airtronic M, Airtronic L with external control temperature sensor, interior





Recirculating the heated air intake vs drawing fresh air in to heat:

- **Recirculating the air:** Moving the heater air intake to recirculate the air internally makes the vehicle or boat warm up faster, there is less moisture and no risk of drawing fumes inside from outside the vehicle inside.
- **Drawing 'fresh' air in:** No extra large ducting holes are required for the intake ducting and grille, the air should be fresh and the temperature sensor is small and discreet.



Product detail pages:

- [Eberspacher heater room temperature sensor 251774890300](#)
- [Eberspacher Easy Start Select Controller 221000341300](#)

	
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Article link:	Fix Eberspacher Easy Start Select Three Dashes No Temperature Display Butler Technik
Sources:	<ul style="list-style-type: none">• Eberspacher Espar EasyStart Select Installation Instruction Manual• Eberspacher Airtronic D2 Diesel Heater Installation Manual

