










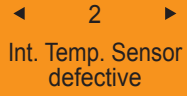


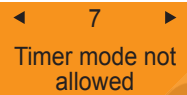


EasyStart Pro Controller Fault Diagnosis and Remedy

5.3.1 Heater error messages

Display	Description	Remedy / Customer
 Service	<ul style="list-style-type: none"> There is a fault in the heater that can only be remedied by a specialist workshop. 	<ul style="list-style-type: none"> Visit an authorised Eberspächer workshop.
 Undervoltage	<ul style="list-style-type: none"> Undervoltage applied at the heater control box without interruption for at least 20 seconds. 	<ul style="list-style-type: none"> Check battery for a drop in voltage. Charge the battery, if necessary visit your vehicle workshop.
 Overvoltage	<ul style="list-style-type: none"> Overvoltage applied at the heater control box without interruption for at least 20 seconds. 	<ul style="list-style-type: none"> Check the battery, if necessary visit your vehicle workshop.
 Fuel Supply or Pump	<ul style="list-style-type: none"> Fault in the fuel supply or fuel pump. 	<ul style="list-style-type: none"> Check the fuel line to the heater for free passage, short-circuit and damage. Pull the plug off the metering pump and inspect for damage. Check the fuel level in the fuel tank. Visit your vehicle workshop, if necessary.
 Water Circuit or Pump	<ul style="list-style-type: none"> With water heaters only: Water temperature in the heater too high. 	<ul style="list-style-type: none"> Check the water pump for proper function. Check the water circulation in the water circuit. The heater can be reset to the delivery condition by removing the heater fuse. Recommendation: Visit an authorised Eberspächer workshop to have the fault remedied.

Display	Description	Remedy / Customer
 Air Ducting or Outlet	<ul style="list-style-type: none">With air heaters only: Air temperature in the heater too high.	<ul style="list-style-type: none">Check the air lines. Are air lines clogged or kinked? Are all air louvres free and not blocked by objects?The heater can be reset to the delivery condition by removing the heater fuse.Recommendation: Visit an authorised Eberspächer workshop to have the fault remedied.
 Overheat. Heater locked.	<ul style="list-style-type: none">Overheating of the heater detected. The heater is interlocked for safety reasons.	<ul style="list-style-type: none">The heater can be reset to the delivery condition by removing the heater fuse.Recommendation: Visit an authorised Eberspächer workshop to have the fault remedied.
 Restricted Operation	<ul style="list-style-type: none">Emergency running of the heater.	<ul style="list-style-type: none">There is a fault in the heater. Restricted operation is still possible, however (with air heaters with target temperature 20 °C).Recommendation: Visit an authorised Eberspächer workshop to have the fault remedied.

5.3.2 Control unit error messages

Display	Description	Remedy / Customer
	<ul style="list-style-type: none">The external temperature sensor is defective.	<ul style="list-style-type: none">Check the wiring of the external temperature sensor for continuity, short-circuit or damage; replace the temperature sensor, if necessary.If the fault cannot be remedied, please visit your vehicle workshop.
	<ul style="list-style-type: none">The internal temperature sensor is defective.	<ul style="list-style-type: none">There is no remedy for this fault. The control unit has to be replaced. Please visit your vehicle workshop for that.
	<ul style="list-style-type: none">The operating button is blocked.	<ul style="list-style-type: none">Can the operating button be freed again by hand?If the fault cannot be remedied, please visit your vehicle workshop.
	<ul style="list-style-type: none">The button is blocked.	<ul style="list-style-type: none">Can the button be freed again by hand?If the fault cannot be remedied, please visit your vehicle workshop.
	<ul style="list-style-type: none">Timer mode is not permitted.	<ul style="list-style-type: none">Check the configuration.If the fault cannot be remedied, please visit your vehicle workshop.
	<ul style="list-style-type: none">The heater is in auxiliary heating mode via Switching Plus and cannot be operated via EasyStart Pro during this time.	<ul style="list-style-type: none">Terminate auxiliary heating mode via Switching Plus.If the fault cannot be remedied, please visit your vehicle workshop.
	<ul style="list-style-type: none">Communication error on the CAN bus link.	<ul style="list-style-type: none">Inspect the wiring for cable breakages/short-circuits.If the fault cannot be remedied, please visit your vehicle workshop.

Display	Description	Remedy / Customer
Mismatch	<p>A change has been found in the system. For example</p> <ul style="list-style-type: none">▪ if the heater was disconnected from the power supply (by power failure or change of supply battery).▪ after changing the heater configuration by replacing the existing heater, addition of a second heater, etc.	<p>→ A change has been found in the system. For example</p> <ul style="list-style-type: none">– if the heater was disconnected from the power supply (by power failure or change of supply battery).– after changing the heater configuration by replacing the existing heater, addition of a second heater, etc.