

Diagnostics catalogue Truma Combi

Fault No.:	0004
Flashing code:	ssss slss
Fault No.:	0005
Flashing code:	ssss slsl
Fault description:	Combustion air motor current too low
1. Action:	Check / replace combustion air motor
2. Action:	Check / replace cable harness
Fault No.:	0006
Flashing code:	ssss sls
Fault description:	Combustion air motor current too high
1. Action:	Check / replace combustion air motor
2. Action:	Check / replace cable harness
Fault No.:	0008
Flashing code:	ssss lsss
Fault description:	Fault in the electronics
1. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0010
Flashing code:	ssss ls
Fault description:	Combustion air temperature sensor out of tolerance
1. Action:	Check / replace combustion air thermostat plate and cable harness
Fault No.:	0011
Flashing code:	ssss lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0015
Flashing code:	ssss ll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0016
Flashing code:	sssl ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0017
Flashing code:	sssl sssl
Fault description:	Warning Water overheat condition
1. Action:	Switch off heater and allow it to cool down. Fill boiler with water
2. Action:	Inspect the individual discharge openings / remove blockage to circulated air intake
3. Action:	Inspect heater for frost damage
Fault No.:	0018
Flashing code:	sssl sssl
Fault description:	Warning Air overheat condition
1. Action:	Inspect the individual discharge openings / remove blockage to circulated air intake
Fault No.:	0019

Diagnostics catalogue Truma Combi

Flashing code:	sssl ssll
Fault description:	Electronics do not match the heater (e.g. 6 kW PCB in 4 kW heater)
1. Action:	Use the correct electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0020
Flashing code:	sssl slss
Fault description:	Water temperature sensor out of tolerance
1. Action:	Replace water temperature monitoring cable harness
Fault No.:	0021
Flashing code:	sssl slsl
Fault description:	Room temperature sensor out of tolerance
1. Action:	Check cable for room temperature sensor and plug connections
2. Action:	Check (measure) / replace room temperature sensor 15 °C 16.2 kOhm 20 °C 12.6 kOhm 25 °C 10.0 kOhm
Fault No.:	0022
Flashing code:	sssl sls
Fault description:	Air temperature sensor out of tolerance
1. Action:	Replace thermostat plate kit LTF
Fault No.:	0023
Flashing code:	sssl slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0024
Flashing code:	sssl lsss
Fault description:	Risk of low voltage. Battery voltage too low < 10.4 V
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0025
Flashing code:	sssl lssl
Fault description:	Circulating air motor current too low
1. Action:	Check circulating air motor plug connection
2. Action:	Replace circulating air motor
Fault No.:	0026
Flashing code:	sssl ls
Fault description:	Circulating air motor current too high
1. Action:	Replace circulating air motor
Fault No.:	0028
Flashing code:	sssl llss
Fault description:	Control panel or control panel cable defective
1. Action:	Check / replace control panel cable
2. Action:	Replace control panel
Fault No.:	0029
Flashing code:	sssl llsl
Fault description:	FrostControl heating element current too high
1. Action:	Replace heating element
Fault No.:	0030
Flashing code:	sssl llss
Fault description:	2 KW solenoid valve pickup coil current too high
1. Action:	Replace cable harness
Fault No.:	0031
Flashing code:	sssl llsl
Fault description:	4 KW solenoid valve pickup coil current too high
1. Action:	Replace cable harness

Diagnostics catalogue Truma Combi

Fault No.:	0032
Flashing code:	ssls ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0033
Flashing code:	ssls sssl
Fault description:	2 KW solenoid valve holding coil current too high
1. Action:	Replace cable harness
Fault No.:	0034
Flashing code:	ssls ssls
Fault description:	4 KW solenoid valve holding coil current too high
1. Action:	Replace cable harness
Fault No.:	0035
Flashing code:	ssls ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0036
Flashing code:	ssls slss
Fault description:	Ignitor current too high
1. Action:	Replace ignitor
2. Action:	Check / replace cable harness
Fault No.:	0037
Flashing code:	ssls slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0038
Flashing code:	ssls slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0039
Flashing code:	ssls slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0040
Flashing code:	ssls lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit

Diagnostics catalogue Truma Combi

2. Action:	or solar system. Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0041
Flashing code:	ssls lssl
Fault description:	- Electronics blocked: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating - Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	- Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature cable harness - Check thermostat plate LTF for damage / replace
2. Action:	- Check circulating air system for blockage - Check / replace circulating air motor
3. Action:	- from software version V 03.00.00, unlock electronics with Truma Diagnose Tool - up to software version V 02.99.99, replace electronics and enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0042
Flashing code:	ssls lsll
Fault description:	- Window switch detects open window - Bridge for window switch on Truma electronics interrupted
1. Action:	- Close window - Check / replace window switch with cable
2. Action:	Check bridge on PCB for secure fit / contact
Fault No.:	0043
Flashing code:	ssls lsll
Fault description:	12 V power supply faulty (overvoltage)
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0044
Flashing code:	ssls llss
Fault description:	12 V power supply faulty (low voltage)
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0045
Flashing code:	ssls llsl
Fault description:	230 V power supply faulty
1. Action:	Ensure 230 V power supply at appliance input
2. Action:	- Reset / check 230 V water temperature switch - Check / replace 230 V fuse on Combi 230 V electronics
3. Action:	Replace Combi 230 V electronics
Fault No.:	0046
Flashing code:	ssls llsl
Fault description:	- 1) Circulating air motor faulty 2) Combi control panel or control panel cable faulty - Combi E power selector switch or control panel connecting cable

Diagnosics catalogue Truma Combi

faulty 3) Cable harness faulty

1. Action: Replace circulating air motor
2. Action:
 - Replace Combi control panel / control panel cable
 - Replace Combi E power selector switch or control panel connecting cable
3. Action:
 - Combustion air motor supply cable, check black cable for short circuit or red cable for breakage
 - Replace cable harness
 - Replace combustion air motor if cable harness is undamaged

Fault No.: **0047**
 Flashing code: ssls llll
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0048**
 Flashing code: ssll ssss
 Fault description: - Fault:
 - Because air temperature switch and / or water temperature switch has opened during operation due to overheating
 - Because combustion air temperature sensor signals temperatures > 215 °C
 1. Action:

- Check heat exchanger for overheating damage
- Check water container for frost damage
- Check / replace water temperature cable harness
- Check thermostat plate LTF for damage / replace

 2. Action:

- Check circulating air system for blockage
- Check / replace circulating air motor

Fault No.: **0049**
 Flashing code: ssll sssl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0050**
 Flashing code: ssll ssls
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0051**
 Flashing code: ssll ssll
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Diagnostics catalogue Truma Combi

2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0052
Flashing code:	ssll slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0053
Flashing code:	ssll slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0054
Flashing code:	ssll sls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0055
Flashing code:	ssll slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0056
Flashing code:	ssll lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0057
Flashing code:	ssll lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0058
Flashing code:	ssll lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Diagnostics catalogue Truma Combi

Fault No.:	0059
Flashing code:	ssll lsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0060
Flashing code:	ssll llss
Fault description:	Power supply not constant
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0061
Flashing code:	ssll llsl
Fault description:	Ignition spark interferes with electronics
1. Action:	Replace ignitor
2. Action:	Check / replace ignition electrodes
Fault No.:	0062
Flashing code:	ssll llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0063
Flashing code:	ssll llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0064
Flashing code:	slss ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0065
Flashing code:	slss sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0066
Flashing code:	slss sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

	electronics using the Diagnose Tool
Fault No.:	0067
Flashing code:	slss ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0068
Flashing code:	slss slss
Fault description:	Ignition spark interferes with electronics
1. Action:	Replace ignitor
2. Action:	Check / replace ignition electrodes
Fault No.:	0069
Flashing code:	slss slsl
Fault description:	Circulating air motor faulty
1. Action:	Replace circulating air motor
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0070
Flashing code:	slss slls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0071
Flashing code:	slss slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0072
Flashing code:	slss lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0073
Flashing code:	slss lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0074
Flashing code:	slss lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Diagnostics catalogue Truma Combi

2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0075
Flashing code:	slss lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0076
Flashing code:	slss llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0077
Flashing code:	slss llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0078
Flashing code:	slss llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0079
Flashing code:	slss llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0080
Flashing code:	slsl ssss
Fault description:	- Power supply not constant - Ignition spark interferes with electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	- Replace ignitor - Check / replace ignition / monitoring electrodes cable Check / adjust electrode spacings
3. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0081
Flashing code:	slsl sssl

Diagnostics catalogue Truma Combi

Fault description: Ignition spark interferes with electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: - Replace ignitor
 - Check / replace ignition / monitoring electrodes cable Check / adjust electrode spacings
 3. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0082**
 Flashing code: sIsI sSlS
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0083**
 Flashing code: sIsI sSlI
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0084**
 Flashing code: sIsI sSlS
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0085**
 Flashing code: sIsI sIsI
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0086**
 Flashing code: sIsI sSlS
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0087**
 Flashing code: sIsI sSlI
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Diagnosics catalogue Truma Combi

Fault No.:	0088
Flashing code:	sIsI lssS
Fault description:	Ignition spark interferes with electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	- Replace ignitor - Check / replace ignition / monitoring electrodes cable Check / adjust electrode spacings
3. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0089
Flashing code:	sIsI lssI
Fault description:	Combustion air motor faulty
1. Action:	Replace combustion air motor
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0090
Flashing code:	sIsI lslS
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0091
Flashing code:	sIsI lslI
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0092
Flashing code:	sIsI llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0093
Flashing code:	sIsI llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0094
Flashing code:	sIsI llIs
Fault description:	Heater gets too hot or combustion air temperature sensor shows incorrect value
1. Action:	Check / replace combustion air thermostat plate
2. Action:	Check heat exchanger for overheating damage (deformation, bubble formation, leaks) / replace
3. Action:	Ensure gas supply with correct operating pressure Check / replace

Diagnostics catalogue Truma Combi

circulating air motor

Fault No.: **0096**
 Flashing code: slls ssss
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0097**
 Flashing code: slls sssl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0098**
 Flashing code: slls ssls
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0099**
 Flashing code: slls ssl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0100**
 Flashing code: slls slss
 Fault description: Short circuit at the solenoid coils
 1. Action: Replace cable harness kit

Fault No.: **0101**
 Flashing code: slls slsl
 Fault description: Short circuit at the ignitor
 1. Action: Replace ignitor
 2. Action: Replace cable harness kit

Fault No.: **0102**
 Flashing code: slls slls
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0103**
 Flashing code: slls slll
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Diagnostics catalogue Truma Combi

Fault No.:	0104
Flashing code:	slls lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0105
Flashing code:	slls lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0106
Flashing code:	slls lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0107
Flashing code:	slls lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0108
Flashing code:	slls llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0109
Flashing code:	slls llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0110
Flashing code:	slls llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0111
Flashing code:	slls llsl

Diagnosics catalogue Truma Combi

Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0112
Flashing code:	slll ssss
Fault description:	- Flame out or not recognised - Faulty power supply earth connection
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Ensure power supply earth connection
3. Action:	- Check exhaust system - Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0113
Flashing code:	slll sssl
Fault description:	Ionisation voltage present in Standby mode
1. Action:	Check / replace solenoid valve (stuck in the Open position)
Fault No.:	0116
Flashing code:	slll slss
Fault description:	AC voltage components in the supply voltage
1. Action:	Check for AC voltage components that can be generated by the power supply unit or solar system
2. Action:	Ensure 12 V voltage under load at appliance input
Fault No.:	0117
Flashing code:	slll slsl
Fault description:	AC voltage components in the supply voltage
1. Action:	Check for AC voltage components that can be generated by the power supply unit or solar system
2. Action:	Ensure 12 V voltage under load at appliance input
Fault No.:	0118
Flashing code:	slll slls
Fault description:	Combustion air motor speed too low or out of tolerance
1. Action:	Replace combustion air motor kit
Fault No.:	0119
Flashing code:	slll slll
Fault description:	Combustion air motor speed too high or out of tolerance
1. Action:	Replace combustion air motor kit
Fault No.:	0120
Flashing code:	slll lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0121
Flashing code:	slll lssl
Fault description:	Flame unstable during operation
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Ensure power supply earth connection
3. Action:	- Check exhaust system - Check / replace solenoid valve - Check / replace ignitor

Diagnosics catalogue Truma Combi

- Check / replace ignition electrode kit

Fault No.:	0122
Flashing code:	sIII lsls
Fault description:	Gas supply interrupted
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Ensure power supply earth connection
3. Action:	- Check exhaust system - Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0123
Flashing code:	sIII lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0124
Flashing code:	sIII llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0125
Flashing code:	sIII llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0126
Flashing code:	sIII llIs
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0127
Flashing code:	sIII llll
Fault description:	- Combustion air motor faulty - Cable harness faulty - Fault in the electronics
1. Action:	Replace combustion air motor
2. Action:	Check / replace cable harness
3. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0128
Flashing code:	lsss ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC

Diagnostics catalogue Truma Combi

	voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0129
Flashing code:	lsss sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0130
Flashing code:	lsss ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0131
Flashing code:	lsss ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0133
Flashing code:	lsss slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0134
Flashing code:	lsss slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0135
Flashing code:	lsss slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0136
Flashing code:	lsss lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Diagnostics catalogue Truma Combi

2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0137
Flashing code:	lsss lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0138
Flashing code:	lsss lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0139
Flashing code:	lsss lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0140
Flashing code:	lsss llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0141
Flashing code:	lsss llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0142
Flashing code:	lsss llsls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0143
Flashing code:	lsss llsls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Diagnosics catalogue Truma Combi

Fault No.:	0144
Flashing code:	lssl ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0145
Flashing code:	lssl sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0146
Flashing code:	lssl ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0147
Flashing code:	lssl ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0148
Flashing code:	lssl slss
Fault description:	- Electronics blocked: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating - Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	- Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature cable harness - Check thermostat plate LTF for damage / replace
2. Action:	- Check circulating air system for blockage - Check / replace circulating air motor
3. Action:	- from software version V 03.00.00, unlock electronics with Truma Diagnose Tool - up to software version V 02.99.99, replace electronics and enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0149
Flashing code:	lssl slsl
Fault description:	- Fault: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating

Diagnostics catalogue Truma Combi

- Because combustion air temperature sensor signals temperatures > 215 °C

1. Action:
- Check heat exchanger for overheating damage
 - Check water container for frost damage
 - Check / replace water temperature cable harness
 - Check thermostat plate LTF for damage / replace

2. Action:
- Check circulating air system for blockage
 - Check / replace circulating air motor

Fault No.: **0150**

Flashing code: lssl slls

Fault description:

- Fault:
- Because air temperature switch and / or water temperature switch has opened during operation due to overheating
- Because combustion air temperature sensor signals temperatures > 215 °C

1. Action:
- Check heat exchanger for overheating damage
 - Check water container for frost damage
 - Check / replace water temperature cable harness
 - Check thermostat plate LTF for damage / replace

2. Action:
- Check circulating air system for blockage
 - Check / replace circulating air motor

Fault No.: **0160**

Flashing code: lsls ssss

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0161**

Flashing code: lsls sssl

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0162**

Flashing code: lsls ssls

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0163**

Flashing code: lsls ssll

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

electronics using the Diagnose Tool

Fault No.:	0164
Flashing code:	lSlS slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0165
Flashing code:	lSlS slSl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0166
Flashing code:	lSlS slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0167
Flashing code:	lSlS sllll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0168
Flashing code:	lSlS lssS
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0169
Flashing code:	lSlS lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0170
Flashing code:	lSlS lSlS
Fault description:	- Power supply not constant - Ignition spark interferes with electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	- Replace ignitor

Diagnostics catalogue Truma Combi

- Check / replace ignition / monitoring electrodes cable Check / adjust electrode spacings

3. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0171**

Flashing code: IsIs Isll

Fault description: Ignition spark interferes with electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: - Replace ignitor
- Check / replace ignition / monitoring electrodes cable Check / adjust electrode spacings

3. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0172**

Flashing code: IsIs llss

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0173**

Flashing code: IsIs llsl

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0174**

Flashing code: IsIs llIs

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0175**

Flashing code: IsIs llIl

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0176**

Flashing code: Isll ssss

Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0177**

Diagnostics catalogue Truma Combi

Flashing code:	Isll sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0178
Flashing code:	Isll sssl
Fault description:	Ignition spark interferes with electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	- Replace ignitor - Check / replace ignition / monitoring electrodes cable Check / adjust electrode spacings
3. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0180
Flashing code:	Isll slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0181
Flashing code:	Isll slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0182
Flashing code:	Isll sls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0183
Flashing code:	Isll slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0184
Flashing code:	Isll lsss
Fault description:	Heater gets too hot or combustion air temperature sensor shows incorrect value
1. Action:	Check / replace combustion air thermostat plate
2. Action:	Check heat exchanger for overheating damage (deformation, bubble formation, leaks) / replace

Diagnostics catalogue Truma Combi

3. Action:	Ensure gas supply with correct operating pressure Check / replace circulating air motor
Fault No.:	0186
Flashing code:	IsII IsIs
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0187
Flashing code:	IsII IsII
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0188
Flashing code:	IsII IIss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0189
Flashing code:	IsII IIsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0190
Flashing code:	IsII IIIs
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0191
Flashing code:	IsII IIll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0192
Flashing code:	IIss ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Diagnostics catalogue Truma Combi

Fault No.:	0193
Flashing code:	llss sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0194
Flashing code:	llss ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0195
Flashing code:	llss ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0196
Flashing code:	llss slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0197
Flashing code:	llss slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0198
Flashing code:	llss slls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0199
Flashing code:	llss slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0200
Flashing code:	llss lsss

Diagnostics catalogue Truma Combi

Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0201
Flashing code:	llss lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0202
Flashing code:	llss lsls
Fault description:	- Flame out or not recognised - Faulty power supply earth connection
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Ensure power supply earth connection
3. Action:	- Check exhaust system - Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0203
Flashing code:	llss lslI
Fault description:	Ionisation voltage present in Standby mode
1. Action:	Check / replace solenoid valve (stuck in the Open position)
Fault No.:	0206
Flashing code:	llss llIs
Fault description:	AC voltage components in the supply voltage
1. Action:	Check for AC voltage components that can be generated by the power supply unit or solar system
2. Action:	Ensure 12 V voltage under load at appliance input
Fault No.:	0207
Flashing code:	llss llIIs
Fault description:	AC voltage components in the supply voltage
1. Action:	Check for AC voltage components that can be generated by the power supply unit or solar system
2. Action:	Ensure 12 V voltage under load at appliance input
Fault No.:	0208
Flashing code:	llsl ssss
Fault description:	Combustion air motor speed too low or out of tolerance
1. Action:	Replace combustion air motor kit
Fault No.:	0209
Flashing code:	llsl sssl
Fault description:	Combustion air motor speed too high or out of tolerance
1. Action:	Replace combustion air motor kit
Fault No.:	0210
Flashing code:	llsl sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Diagnosics catalogue Truma Combi

Fault No.:	0211
Flashing code:	llsl ssll
Fault description:	Flame unstable during operation
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Ensure power supply earth connection
3. Action:	<ul style="list-style-type: none"> - Check exhaust system - Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0212
Flashing code:	llsl slss
Fault description:	Gas supply interrupted
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Ensure power supply earth connection
3. Action:	<ul style="list-style-type: none"> - Check exhaust system - Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0213
Flashing code:	llsl slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0214
Flashing code:	llsl sls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0215
Flashing code:	llsl slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0216
Flashing code:	llsl lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0217
Flashing code:	llsl lssl
Fault description:	<ul style="list-style-type: none"> - Combustion air motor faulty - Cable harness faulty - Fault in the electronics

Diagnostics catalogue Truma Combi

1. Action:	Replace combustion air motor
2. Action:	Check / replace cable harness
3. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0218
Flashing code:	lsl lsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0219
Flashing code:	lsl lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0220
Flashing code:	lsl llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0221
Flashing code:	lsl llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0223
Flashing code:	lsl llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0224
Flashing code:	lls ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0225
Flashing code:	lls sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Diagnostics catalogue Truma Combi

2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0226
Flashing code:	llls ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0227
Flashing code:	llls ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0228
Flashing code:	llls slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0229
Flashing code:	llls slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0230
Flashing code:	llls slls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0231
Flashing code:	llls slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0232
Flashing code:	llls lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Diagnostics catalogue Truma Combi

Fault No.:	0233
Flashing code:	lls lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0234
Flashing code:	lls lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0235
Flashing code:	lls lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0236
Flashing code:	lls llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0237
Flashing code:	lls llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0238
Flashing code:	lls llsl
Fault description:	- Electronics blocked: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating - Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	- Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature cable harness - Check thermostat plate LTF for damage / replace
2. Action:	- Check circulating air system for blockage - Check / replace circulating air motor
3. Action:	- from software version V 03.00.00, unlock electronics with Truma Diagnose Tool

Diagnostics catalogue Truma Combi

- up to software version V 02.99.99, replace electronics and enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0239
Flashing code:	llll llll
Fault description:	<ul style="list-style-type: none"> - Fault: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating - Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	<ul style="list-style-type: none"> - Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature cable harness - Check thermostat plate LTF for damage / replace
2. Action:	<ul style="list-style-type: none"> - Check circulating air system for blockage - Check / replace circulating air motor

Fault No.:	0240
Flashing code:	llll ssss
Fault description:	<ul style="list-style-type: none"> - Fault: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating - Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	<ul style="list-style-type: none"> - Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature cable harness - Check thermostat plate LTF for damage / replace
2. Action:	<ul style="list-style-type: none"> - Check circulating air system for blockage - Check / replace circulating air motor

Fault No.:	0255
Flashing code:	llll llll
Fault description:	<ul style="list-style-type: none"> - No connection between heater and control panel - Heater has no 12 V power supply - Control panel cable faulty
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	<ul style="list-style-type: none"> - Make connection between heater and control panel - Check / replace control panel cable

Fault No.:	0301
Flashing code:	sl ssls llsl
Fault description:	12 V power supply faulty (overvoltage)
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Fault No.:	0302
Flashing code:	sl ssls llls
Fault description:	12 V power supply faulty (low voltage)
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit

Diagnostics catalogue Truma Combi

	or solar system.
Fault No.:	0303
Flashing code:	sl ssls llll
Fault description:	Risk of low voltage. Battery voltage too low < 10.4 V
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0304
Flashing code:	sl ssl l ssss
Fault No.:	0305
Flashing code:	sl ssl l sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0401
Flashing code:	sl lssl sssl
Fault description:	Warning Water overheat condition
1. Action:	Switch off heater and allow it to cool down. Fill boiler with water
2. Action:	Inspect the individual discharge openings / remove blockage to circulated air intake
3. Action:	Inspect heater for frost damage
Fault No.:	0402
Flashing code:	sl lssl ssls
Fault description:	Warning Air overheat condition
1. Action:	Inspect the individual discharge openings / remove blockage to circulated air intake
Fault No.:	0407
Flashing code:	sl lssl llll
Fault description:	230 V power supply faulty
1. Action:	Ensure 230 V power supply at appliance input
2. Action:	Check/replace 230 V fuse on Combi 230 V electronics
3. Action:	Replace Combi 230 V electronics
Fault No.:	0408
Flashing code:	sl lssl lsss
Fault description:	Gas supply interrupted in Mix mode
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Check exhaust system
3. Action:	- Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0411
Flashing code:	sl lssl lsl l
Fault description:	Risk of low voltage. Battery voltage too low < 10.4 V
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0412
Flashing code:	sl lssl llss
Fault description:	- Window switch detects open window - Bridge for window switch on Truma electronics interrupted
1. Action:	- Close window - Check / replace window switch with cable

Diagnostics catalogue Truma Combi

2. Action:	Check bridge on PCB for secure fit / contact
Fault No.:	0413
Flashing code:	sl lssl lsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0414
Flashing code:	sl lssl llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0417
Flashing code:	sl lsls sssl
Fault description:	12 V power supply faulty (overvoltage)
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0418
Flashing code:	sl lsls ssls
Fault description:	12 V power supply faulty (low voltage)
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
Fault No.:	0420
Flashing code:	sl lsls slss
Fault description:	230 V power supply faulty (overvoltage)
1. Action:	Ensure 230 V power supply at appliance input
2. Action:	Replace Combi 230 V electronics
Fault No.:	0421
Flashing code:	sl lsls slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0501
Flashing code:	sl llsl slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0502
Flashing code:	sl llsl slsl
Fault description:	Heater gets too hot or combustion air temperature sensor shows incorrect value
1. Action:	Check / replace combustion air thermostat plate
2. Action:	Check heat exchanger for overheating damage (deformation, bubble formation, leaks) / replace
3. Action:	Ensure gas supply with correct operating pressure

Diagnostics catalogue Truma Combi

Fault No.:	0503
Flashing code:	sl llll slll
Fault description:	Heater gets too hot or combustion air temperature sensor shows incorrect value
1. Action:	Check / replace combustion air thermostat plate
2. Action:	Check heat exchanger for overheating damage (deformation, bubble formation, leaks) / replace
3. Action:	Ensure gas supply with correct operating pressure Check / replace circulating air motor
Fault No.:	0504
Flashing code:	sl llll lsss
Fault description:	Combustion air temperature sensor out of tolerance
1. Action:	Check / replace combustion air thermostat plate and cable harness
Fault No.:	0505
Flashing code:	sl llll lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0506
Flashing code:	sl llll lsls
Fault description:	Combustion air motor speed out of tolerance
1. Action:	Replace combustion air motor kit
Fault No.:	0507
Flashing code:	sl llll lsll
Fault description:	Gas supply interrupted
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Check exhaust system
3. Action:	- Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0508
Flashing code:	sl llll llss
Fault description:	Ionisation voltage present in Standby mode
1. Action:	Check / replace solenoid valve (stuck in the Open position)
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0509
Flashing code:	sl llll llsl
Fault description:	Ignitor current too high
1. Action:	Replace ignitor
2. Action:	Check / replace cable harness
Fault No.:	0510
Flashing code:	sl llll llsl
Fault description:	Solenoid valves incorrectly controlled
1. Action:	Replace cable harness
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0511
Flashing code:	sl llll llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

electronics using the Diagnose Tool

Fault No.:	0512
Flashing code:	Is ssss ssss
Fault description:	Air temperature switch opened during operation due to overheating
1. Action:	<ul style="list-style-type: none"> - Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace temperature cable harness
2. Action:	<ul style="list-style-type: none"> - Check circulating air system for blockage - Check / replace circulating air motor
Fault No.:	0513
Flashing code:	Is ssss sssl
Fault description:	Water temperature switch opened during operation due to overheating
1. Action:	<ul style="list-style-type: none"> - Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature monitoring cable harness
2. Action:	<ul style="list-style-type: none"> - Check circulating air system for blockage - Check / replace circulating air motor
Fault No.:	0514
Flashing code:	Is ssss ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0515
Flashing code:	Is ssss ssll
Fault description:	Combustion air motor speed out of tolerance
1. Action:	Replace combustion air motor kit
Fault No.:	0516
Flashing code:	Is ssss slss
Fault description:	Gas supply interrupted
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Check exhaust system
3. Action:	<ul style="list-style-type: none"> - Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0517
Flashing code:	Is ssss slsl
Fault description:	Gas supply interrupted
1. Action:	Ensure gas supply with correct operating pressure
2. Action:	Check exhaust system
3. Action:	<ul style="list-style-type: none"> - Check / replace solenoid valve - Check / replace ignitor - Check / replace ignition electrode kit
Fault No.:	0520
Flashing code:	Is ssss lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Diagnostics catalogue Truma Combi

2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0521
Flashing code:	Is ssss lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0522
Flashing code:	Is ssss lsls
Fault description:	Combustion air motor speed out of tolerance
1. Action:	Replace combustion air motor kit
Fault No.:	0523
Flashing code:	Is ssss lsl
Fault description:	Ignitor current too high
1. Action:	Replace ignitor
2. Action:	Check / replace cable harness
Fault No.:	0524
Flashing code:	Is ssss llss
Fault description:	Combustion air motor short circuit
1. Action:	Check / replace combustion air motor
2. Action:	Check / replace cable harness
Fault No.:	0525
Flashing code:	Is ssss llsl
Fault description:	Combustion air motor current too high
1. Action:	Check / replace combustion air motor
2. Action:	Check / replace cable harness
Fault No.:	0526
Flashing code:	Is ssss llis
Fault description:	Combustion air motor current too low
1. Action:	Check / replace combustion air motor
2. Action:	Check / replace cable harness
Fault No.:	0527
Flashing code:	Is ssss llis
Fault description:	Ignitor current too low
1. Action:	Replace ignitor
2. Action:	Check / replace cable harness
Fault No.:	0528
Flashing code:	Is sssl ssss
Fault description:	2 KW solenoid coil current too high
1. Action:	Replace cable harness
Fault No.:	0529
Flashing code:	Is sssl sssl
Fault description:	4 KW solenoid coil current too high
1. Action:	Replace cable harness
Fault No.:	0530
Flashing code:	Is sssl sssl
Fault description:	Safety valve solenoid coil current too high
1. Action:	Replace cable harness
Fault No.:	0531
Flashing code:	Is sssl sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

electronics using the Diagnose Tool

Fault No.:	0532
Flashing code:	Is sssl slss
Fault description:	2 KW solenoid coil current too high
1. Action:	Replace cable harness
Fault No.:	0533
Flashing code:	Is sssl slsl
Fault description:	4 KW solenoid coil current too high
1. Action:	Replace cable harness
Fault No.:	0534
Flashing code:	Is sssl slIs
Fault description:	Safety valve solenoid coil current too high
1. Action:	Replace cable harness
Fault No.:	0535
Flashing code:	Is sssl slII
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0536
Flashing code:	Is sssl lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0537
Flashing code:	Is sssl lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0538
Flashing code:	Is sssl slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0539
Flashing code:	Is sssl slII
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0601
Flashing code:	Is slsl lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit

Diagnostics catalogue Truma Combi

2. Action:	or solar system. Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0602
Flashing code:	Is sIsI sIsI
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0603
Flashing code:	Is sIsI IsII
Fault description:	- Electronics blocked: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating - Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	- Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature cable harness - Check thermostat plate LTF for damage / replace
2. Action:	- Check circulating air system for blockage - Check / replace circulating air motor
3. Action:	Unlock software version with Truma Diagnose Tool
Fault No.:	0604
Flashing code:	Is sIsI Isss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0605
Flashing code:	Is sIsI IsIsI
Fault description:	- Fault: - Because air temperature switch and / or water temperature switch has opened during operation due to overheating - Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	- Check heat exchanger for overheating damage - Check water container for frost damage - Check / replace water temperature cable harness - Check thermostat plate LTF for damage / replace
2. Action:	- Check circulating air system for blockage - Check / replace circulating air motor
Fault No.:	0606
Flashing code:	Is sIsI IsIsIs
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Diagnostics catalogue Truma Combi

2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0607
Flashing code:	Is sIsI IIII
Fault description:	Maximum number of fault resets reached The appliance is blocked if there are more than 4 fault resets within 15 minutes.
1. Action:	Press the button (Service) on the electronics. Use Diagnose Tool to read out and remedy faults that caused the block.
Fault No.:	0608
Flashing code:	Is slls ssss
Fault description:	CP Plus initialisation does not match the heater
1. Action:	Reinitialise CP Plus
Fault No.:	0609
Flashing code:	Is slls sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0610
Flashing code:	Is slls ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0611
Flashing code:	Is slls sslI
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0612
Flashing code:	Is slls slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0613
Flashing code:	Is slls sIsI
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0614
Flashing code:	Is slls slls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

Diagnostics catalogue Truma Combi

2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0615
Flashing code:	Is slls slll
Fault No.:	0616
Flashing code:	Is slls lsss
Fault No.:	0617
Flashing code:	Is slls lssl
Fault description:	Electronics blocked: Because combustion air temperature sensor signals temperatures > 215 °C
1. Action:	<ul style="list-style-type: none"> - Check heat exchanger for overheating damage - Check water container for frost damage - Check combustion air temperature sensor thermostat plate for damage / replace
2. Action:	<ul style="list-style-type: none"> - Check circulating air system for blockage - Check / replace circulating air motor
3. Action:	Unlock electronics with Truma Diagnose Tool
Fault No.:	0619
Flashing code:	Is slls lsll
Fault description:	Water temperature sensor out of tolerance
1. Action:	Replace water temperature monitoring cable harness
Fault No.:	0620
Flashing code:	Is slls llss
Fault description:	Air temperature sensor out of tolerance
1. Action:	Replace temperature monitoring cable harness
Fault No.:	0621
Flashing code:	Is slls llsl
Fault description:	Room temperature sensor out of tolerance
1. Action:	Check cable for room temperature sensor and plug connections
2. Action:	Check (measure) / replace room temperature sensor 15 °C 16.2 kOhm 20 °C 12.6 kOhm 25 °C 10.0 kOhm
Fault No.:	0622
Flashing code:	Is slls llis
Fault description:	Control panel or control panel cable defective
1. Action:	Check / replace control panel cable
2. Action:	Replace control panel
3. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0623
Flashing code:	Is slls llil
Fault description:	Heater is energised when switched on
1. Action:	Switch heater off and on again
Fault No.:	0624
Flashing code:	Is slll ssss
Fault description:	FrostControl heating element current too high
1. Action:	Replace heating element
Fault No.:	0625
Flashing code:	Is slll sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0626
Flashing code:	Is slll ssls

Diagnosics catalogue Truma Combi

Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0627
Flashing code:	Is slll ssl
Fault description:	Circulating air motor current too high
1. Action:	Replace circulating air motor
Fault No.:	0628
Flashing code:	Is slll slss
Fault description:	Circulating air motor current too low
1. Action:	Check circulating air motor plug connection
2. Action:	Replace circulating air motor
Fault No.:	0629
Flashing code:	Is slll slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0630
Flashing code:	Is slll sls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0631
Flashing code:	Is slll slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0632
Flashing code:	Is slll lsss
Fault description:	230 V water temperature switch has triggered
1. Action:	Reset water temperature switch
Fault No.:	0633
Flashing code:	Is slll lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0634
Flashing code:	Is slll lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

electronics using the Diagnose Tool

Fault No.:	0635
Flashing code:	Is sIII IsII
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0636
Flashing code:	Is sIII IIss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0700
Flashing code:	Is IsII IIss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0701
Flashing code:	Is IsII IIsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0702
Flashing code:	Is IsII IIIs
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0703
Flashing code:	Is IsII IIII
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0704
Flashing code:	Is IIss ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.:	0705
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Diagnostics catalogue Truma Combi

Flashing code:	Is llss sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0706
Flashing code:	Is llss ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0707
Flashing code:	Is llss ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0708
Flashing code:	Is llss slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0709
Flashing code:	Is llss slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0710
Flashing code:	Is llss slls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0711
Flashing code:	Is llss slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0712
Flashing code:	Is llss lsss
Fault description:	Fault in the electronics

Diagnostics catalogue Truma Combi

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0713**
 Flashing code: Is llss lssl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0714**
 Flashing code: Is llss lsll
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0715**
 Flashing code: Is llss lsll
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0716**
 Flashing code: Is llss llss
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0717**
 Flashing code: Is llss llsl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0718**
 Flashing code: Is llss llsl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0719**
 Flashing code: Is llss llsl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit

Diagnostics catalogue Truma Combi

2. Action:	or solar system. Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0720
Flashing code:	Is llsl ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0721
Flashing code:	Is llsl sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0722
Flashing code:	Is llsl ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0723
Flashing code:	Is llsl ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0724
Flashing code:	Is llsl slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0725
Flashing code:	Is llsl slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0726
Flashing code:	Is llsl slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

electronics using the Diagnose Tool

Fault No.:	0727
Flashing code:	Is lIsI slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0728
Flashing code:	Is lIsI lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0729
Flashing code:	Is lIsI lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0730
Flashing code:	Is lIsI lsls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0731
Flashing code:	Is lIsI lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0732
Flashing code:	Is lIsI llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0733
Flashing code:	Is lIsI llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0734

Diagnostics catalogue Truma Combi

Flashing code: Is lIsI llls
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0735**
 Flashing code: Is lIsI llll
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0736**
 Flashing code: Is llls ssss
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0737**
 Flashing code: Is llls sssl
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0738**
 Flashing code: Is llls ssls
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0739**
 Flashing code: Is llls sslI
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0740**
 Flashing code: Is llls slss
 Fault description: Fault in the electronics
 1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
 2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0741**
 Flashing code: Is llls slsl
 Fault description: Fault in the electronics

Diagnostics catalogue Truma Combi

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0742**
 Flashing code: Is llls slls
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0743**
 Flashing code: Is llls slll
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0744**
 Flashing code: Is llls lsss
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0745**
 Flashing code: Is llls lssl
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0746**
 Flashing code: Is llls lsll
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0747**
 Flashing code: Is llls lsll
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0748**
 Flashing code: Is llls llss
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit

Diagnostics catalogue Truma Combi

2. Action:	or solar system. Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0749
Flashing code:	Is llls llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0750
Flashing code:	Is llls llls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0751
Flashing code:	Is llls llll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0752
Flashing code:	Is llll ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0753
Flashing code:	Is llll sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0754
Flashing code:	Is llll ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0755
Flashing code:	Is llll ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

	electronics using the Diagnose Tool
Fault No.:	0756
Flashing code:	Is llll slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0757
Flashing code:	Is llll slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0758
Flashing code:	Is llll slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0800
Flashing code:	ll ssll ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0801
Flashing code:	ll ssll sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0802
Flashing code:	ll ssll sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0803
Flashing code:	ll ssll sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0804

Diagnostics catalogue Truma Combi

Flashing code:	ll ssIs slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0805
Flashing code:	ll ssIs slsI
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0806
Flashing code:	ll ssIs slIs
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0807
Flashing code:	ll ssIs slII
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0808
Flashing code:	ll ssIs lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0809
Flashing code:	ll ssIs lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0810
Flashing code:	ll ssIs lsIs
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0811
Flashing code:	ll ssIs lsII
Fault description:	Fault in the electronics

Diagnostics catalogue Truma Combi

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0812**
 Flashing code: II ssIs llss
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0813**
 Flashing code: II ssIs llsl
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0814**
 Flashing code: II ssIs llIs
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0815**
 Flashing code: II ssIs llIl
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0816**
 Flashing code: II ssll ssss
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0817**
 Flashing code: II ssll sssl
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

- Fault No.:** **0818**
 Flashing code: II ssll ssIs
 Fault description: Fault in the electronics
1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit

Diagnostics catalogue Truma Combi

2. Action:	or solar system. Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0819
Flashing code:	ll ssll ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0820
Flashing code:	ll ssll slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0821
Flashing code:	ll ssll slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0822
Flashing code:	ll ssll sls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0823
Flashing code:	ll ssll slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0824
Flashing code:	ll ssll lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0825
Flashing code:	ll ssll lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

electronics using the Diagnose Tool

Fault No.:	0826
Flashing code:	ll ssll lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0827
Flashing code:	ll ssll lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0828
Flashing code:	ll ssll llss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0829
Flashing code:	ll ssll llsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0830
Flashing code:	ll ssll llsls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0831
Flashing code:	ll ssll llsls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0832
Flashing code:	ll slss ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0833

Diagnostics catalogue Truma Combi

Flashing code:	ll slss sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0834
Flashing code:	ll slss sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0835
Flashing code:	ll slss ssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0836
Flashing code:	ll slss slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0837
Flashing code:	ll slss slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0838
Flashing code:	ll slss slsls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0839
Flashing code:	ll slss slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0840
Flashing code:	ll slss lsss
Fault description:	Fault in the electronics

Diagnostics catalogue Truma Combi

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0841**
 Flashing code: II slss lssl
 Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0842**
 Flashing code: II slss lsls
 Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0843**
 Flashing code: II slss lsll
 Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0844**
 Flashing code: II slss llss
 Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0845**
 Flashing code: II slss llsl
 Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0846**
 Flashing code: II slss llis
 Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.

2. Action: Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool

Fault No.: **0847**
 Flashing code: II slss llis
 Fault description: Fault in the electronics

1. Action: Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit

Diagnostics catalogue Truma Combi

2. Action:	or solar system. Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0848
Flashing code:	ll slsl ssss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0849
Flashing code:	ll slsl sssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0850
Flashing code:	ll slsl ssls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0851
Flashing code:	ll slsl ssll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0852
Flashing code:	ll slsl slss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0853
Flashing code:	ll slsl slsl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0854
Flashing code:	ll slsl slls
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new

Diagnostics catalogue Truma Combi

electronics using the Diagnose Tool

Fault No.:	0855
Flashing code:	ll slsl slll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0856
Flashing code:	ll slsl lsss
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0857
Flashing code:	ll slsl lssl
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool
Fault No.:	0858
Flashing code:	ll slsl lsll
Fault description:	Fault in the electronics
1. Action:	Ensure 12 V voltage under load at appliance input and check for AC voltage components that can be generated by the power supply unit or solar system.
2. Action:	Replace the electronics, enter heater serial number on the new electronics using the Diagnose Tool