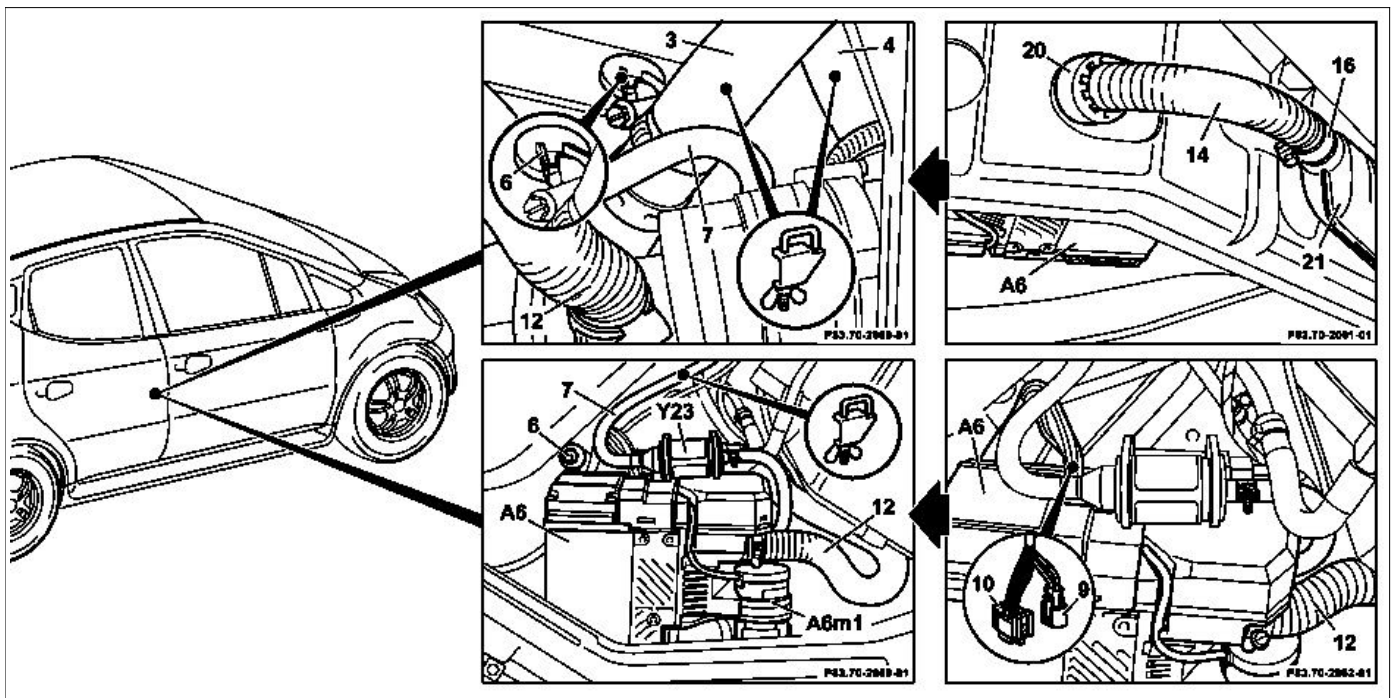


MODELS 168.006 1#,
168.007 /008 1# as of 1.3.01,
168.009 /031 /032 /033 1#,
168.131 /132 /133 1# as of 1.3.01

Retrofitted Thermo Top C stationary heater







P83.70-2058-09

3 Coolant outlet line, heater
4 Coolant feed line, heater
6 Heater attachment
7 Fuel feed line
9 Coupling, voltage supply

10 Coupling, control lines
12 Combustion air intake line
14 Exhaust line
16 Exhaust line attachment

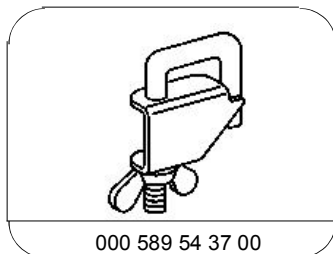
20 Spacer, red
21 Exhaust muffer
A6 Stationary heater unit
A6m1 Coolant recirculation pump
Y23 Fuel metering pump

	Remove/install		
	General repair information for stationary heater		AH83.70-P-0001-03B
	Risk of explosion due to fuel vapors, risk of poisoning from breathing in combustion gases and risk of injury due to combustions during or after heating operation	Do not operate stationary heater or engine with heater booster in closed areas or when refueling. Allow heater unit to cool down after operation and wear protective gloves.	AS83.70-Z-0002-01A
1	Remove center underfloor paneling		AR61.20-P-1105GC
2	Risk of injury to skin and eyes suffering scalding from contact with hot coolant spray. Risk of poisoning from swallowing coolant. Reduce pressure in coolant circuit	Do not open cooling system unless coolant temperature is below 90 °C. Open cap slowly and release the pressure. Do not pour coolant into beverage bottles. Wear protective gloves, protective clothing and eye protection. To do this, turn closure cap of coolant expansion tank to notch position 1.	AS20.00-Z-0001-01A
3	Detach coolant feed and coolant outlet line (4 and 3) and fuel feed line (7)	 	*000589543700 *000589403700
4	Release exhaust line attachment (16) at exhaust muffer (21) and detach exhaust line (14)		
5	Detach fuel feed line (7) from fuel metering pump (Y23)	 Collect fuel drips.	*000589403700
6	Release heater attachment (6)	First release nut from stud pin, then slide heater in direction of travel until the rubber mount is exposed.	
7	Detach coolant lines (4, 3) from heater and coolant circulation pump (A6m1)	Mark coolant lines for installation. Collect escaping coolant in a clean vessel and fill back into the coolant expansion tank after installation. 	*WH58.30-Z-1022-02A

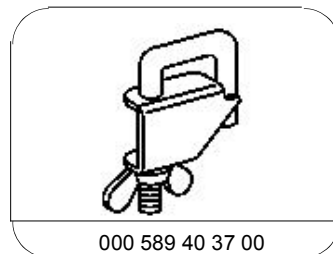
8	Detach combustion air intake line (12)		
9	Guide heater (A6) out downward and at the same time detach the couplings (9, 10) for the electric connection lines	i Tip over heater.	
	Disassembling, assembling		
10	Detach exhaust line (14) from heater (A6)		
11	Detach fuel line (7) from heater (A6)		
12	Detach heater bracket (11) with fuel metering pump (Y23) and unscrew stud pin	Nm i Check stud pin, if necessary replace with new one.	*BA83.70-P-1009-01A
13	Install in the reverse order		
14	Bleed coolant circuit following installation of the heater		AR83.70-P-5302-01E
	Inspecting		
15	Check fuse assignment of heater (A6) in engine compartment on right Fuse assignment of fuse and relay box in engine compartment on right		GF54.15-P-1256-02B
			
16	Check cooling system for leaks		AR20.00-P-1010HA
17	Start up stationary heater Start up stationary heater	i If the heater (A6) switches off automatically before reaching its operating temperature and if it cannot be restarted, there is a fault interlock: ↓ Cancel fault interlock	AZ83.70-P-0008-04A AR83.70-P-5302-07A
			

Nm Stationary heater

Number	Designation	MODELS 129, 163, 168 with Thermo Top C heater	
BA83.70-P-1009-01A	Screw for bracket to heater	Nm	10



Clamp



Clamp

Commercially available tools

Number	Designation
WH58.30-Z-1022-02A	Bowden cable pliers for spring clamps