

## **SB, 362, 365, 371, Installation instructions for electric carburettor heater, 1998-06**

In order for this kit to work the saw must have a flywheel with a generator. This is standard equipment on the 362 XPG and 371 XPG. On other models these parts must be retro-fitted. See the workshop manual for instructions on fitting a flywheel - generator.

### **Temperature range**

The carburettor heater is used in the following temperature range:

$\pm 0^{\circ}$  C or colder      During high humidity icing of the carburettor can occur earlier than specified.

The carburettor heater only heats the carburettor when the 3-way switch is set to position "II".

### **NOTE!**

The carburettor reaches its maximum temperature after the saw has been in use for about 3 minutes.

If the switch is left on for longer the carburettor will overheat and lead to running problems or starting problems.

The kit includes the following parts:

- heater element	-	
- switch	503 64 02-01	Kit assy. 537 01 59-01
- grommet	501 43 00-01	
- instructions	101 89 61-20	

Start by cleaning the saw (if necessary).

Remove the carburettor - cylinder cover.

Remove the carburettor assembly.

Remove the bolts from the rear vibration damping element and from the damping element - handle - cylinder.

Press down on the fuel tank.

Push out the scribed cut-out in the bottom of the carburettor chamber. See diagram.

Fit the grommet in the cut-out.

Install the switch on the right side of the tank. If the saw is equipped with a handle heater the existing switch must be replaced with the 3-way switch (to retain handle heating).

Connect the cables as follows:

Carburettor heater	=	pin opposite "I"
Generator	=	pin in centre "0"
Handle heater	=	pin opposite "II"

The earth cable (-) is attached using the left side screw at the bottom of the carburettor. See diagram.

The heater element is fitted between the air filter holder and the carburettor.

Refit the remaining parts of the saw in reverse order.

The switch is off in	position "0"
supplies current to the handle heater in	position "I"
supplies current to the carburettor in	position "II"

The carburettor heater reaches maximum temperature after about 3 minutes. It is therefore important that the saw is not run for long with the heater switched on, as the carburettor will overheat and lead to running problems or starting problems.

