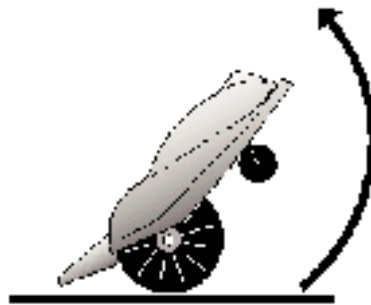


SB, Auto Mower, Solar Mower, Tilt sensor, 2002-02

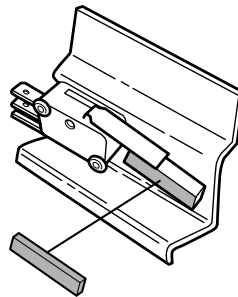
Tilt sensor function

Auto Mower and Solar Mower models dating from 2000 onwards are equipped with a tilt sensor. The tilt sensor is a safety feature that is designed to prevent the cutting disc from starting up under **any circumstances** when the mower is turned upside down. It is activated when the front edge of the mower is lifted above a certain angle, and when it is upside down. If it is activated while the mower is running it immediately stops the cutting disc, and the mower tries to reverse away from any obstacle. If the sensor remains activated the mower eventually switches to fault mode and indicates that it is “trapped”.



Problem

On models produced in 2000, and especially in 2001, some of these sensors are slightly too sensitive, which causes these mowers to stop and display the message “trapped” even when the lawn is slightly uneven. This fault can be corrected by fitting a small additional weight to the tilt sensor. This additional weight is supplied in packs of five having the part number 535 10 47-02.



Fitting instructions

To fit the weight, first remove the battery and connectors X3 and X4. Then remove the left rear wheel (viewed from the rear when the mower is upside down) and the side plate (the wheel motor can be left attached to the plate). Once the side plate has been removed the tilt sensor bracket can be withdrawn and the additional weight can be fitted. Do not forget to connect the sensor wires to connector X4 and connect the wheel motor wires to connector X3 on the control box once everything has been refitted.

Tools

- 2.5 mm Allen key
- 5 mm Allen key
- Phillips screwdriver