



Remote Control Operation Guide

Checking Remote Control Operation



The remote control does not have an ON/OFF switch. By pressing buttons A to D, the light on the remote control will turn on in red meaning that the unit's functions can be operated.



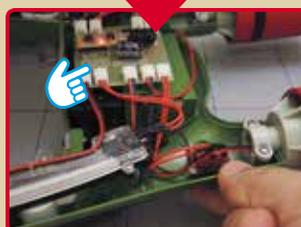
If the light does not come on, insert 2 new AAA batteries facing in the correct direction.

If all buttons **A** to **D** do not respond

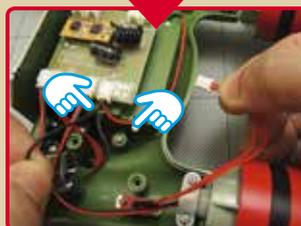


Check that the switch on the unit is OFF. Insert 3 new AA batteries facing in the correct direction. Remove the 15 screws that connect the top and bottom of the unit.

* Refer to Step 10 of Stage 80 (Pack 12) in this collection for the location of the screws.

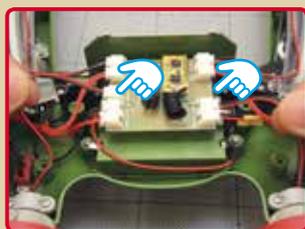


Turn ON the unit's power and check whether the LED on the circuit board lights up.

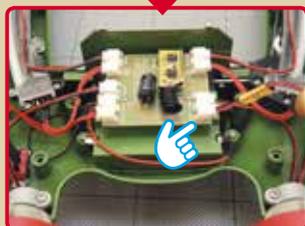


If the LED does not light up, check the wires and connectors of the battery box and switch.

If button **A** doesn't respond

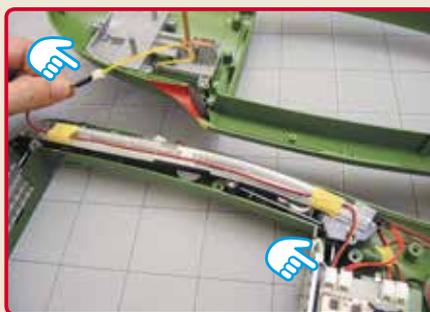


If the main boosters do not turn on even though the A button is pressed, check the wires and connectors coming out from the left and right booster.



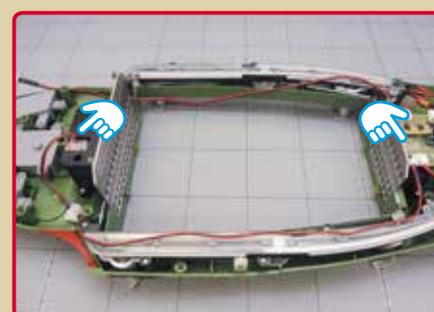
If the engine sound cannot be heard even though the A button is pressed, check if the speaker wire is inserted in the proper socket. Check that wire and connector.

If button **B** doesn't respond



If the cockpit room light does not turn on even though the B button is pressed, check the wiring coming out from the room light connector to the circuit board.

If buttons **C** and **D** don't respond



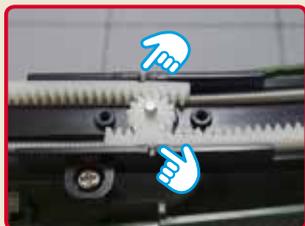
If the main legs do not retract even though buttons C and D are pressed or if the motor at the front of the unit does not operate, check the motor wiring and the circuit board connectors and sockets.



If the main legs do not work correctly (raising/lowering of unit)

The legs are retracted by the motor at the front of the unit which branches to the left and right and moves the crown gear, propeller shaft and center gear to move the slide gear. If any problems occur, check Steps (1) to (7) below.

① Notches on the slide gear and slide rail



Check that the notches on the slide gear and slide rail used for positioning are correctly aligned (4 locations).

* Move them both to the left and right at the same time to adjust them. Refer to Steps 1 through 11 in Stage 46 (Pack 08).



② Check the limit switch



Because the raising of the unit is detected by the upper limit switch installed to the slide rail, check the installation status, wiring and connectors of the upper limit switch.
* Refer to Step 19 in Stage 44 (Pack 07).



Because the lowering of the unit is detected by the lower limit switch installed into the slide rail, check the installation status, wiring and connectors of the lower limit switch.
* Refer to Step 20 in Stage 45 (Pack 07).



③ Motor unit installation



Check that the motor unit is tightened securely with the 3 screws.
* Refer to Step 06 in Stage 43 (Pack 07).



④ Slide rail screw fastener



Check that the right and left slide rails are tightened securely with the 6 screws.
* Refer to Steps 6 to 9 in Stage 44 and Steps 6 to 10 in Stage 45 (Pack 07).

⑤ Rail-gear racks and inner spring



Check that each of the 4 rail-gear racks are correctly installed to the inner spring.

* Note: in particular, because the right side is reinstalled in Stage 45, make sure to check again.



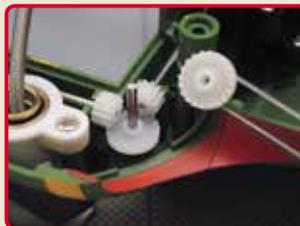
⑥ Guide pins



Check that the 4 guide pins are correctly installed to the slide rail.
* Please be aware that they may become detached during assembly.



⑦ Gear and propeller shaft installation



Check that crown gears, pinion gears and drive shafts connected to the motor unit and gearbox are correctly installed.
* Refer to Stage 39 through Stage 43.

