



# Zoomer Dino Boomer Nose Sensor Replacement

If there is an issue with the motion control when using gesture mode of Zoomer Dino Boomer, use this replacement guide to replace the motion sensors.

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## INTRODUCTION

Before removing and replacing the sensor of Zoomer Dino Boomer, check the [Troubleshooting Page](#) to make sure the issue with gesture mode cannot be fixed without removing the sensor.

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### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Soldering Iron](#) (1)
  - [Solder](#) (1)
  - [Soldering Tweezers](#) (1)
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## Step 1 — Nose Sensor



- Unscrew the two 7.5 mm Phillips #0 screws at the base of the neck.
- Remove the two 7.2 mm Phillips #0 screws above these at the base of the mouth.

## Step 2



- Use the spudger to pry Zoomer Dino Boomer's lower jaw from its mouth.

### Step 3



- Remove the roof of Zoomer Dino Boomer's mouth by unscrewing the 7.5 mm Phillips #0 screw.

### Step 4





- Carefully push the sensors out of the nose socket with your fingers.



## Step 5



- Use a soldering iron to remove the wires from the sensor chip by melting the metal joints on the chip.
  - Use the tweezers to remove the wires as you are soldering them.
-  Do not touch any parts of Zoomer Dino Boomer or yourself when using the soldering iron. The soldering iron will be very hot.
-  When reassembling, extra solder may be required to reconnect the wires with the circuit board.

## Step 6



- Remove and replace the nose sensor.

To reassemble your device, follow these instructions in reverse order.