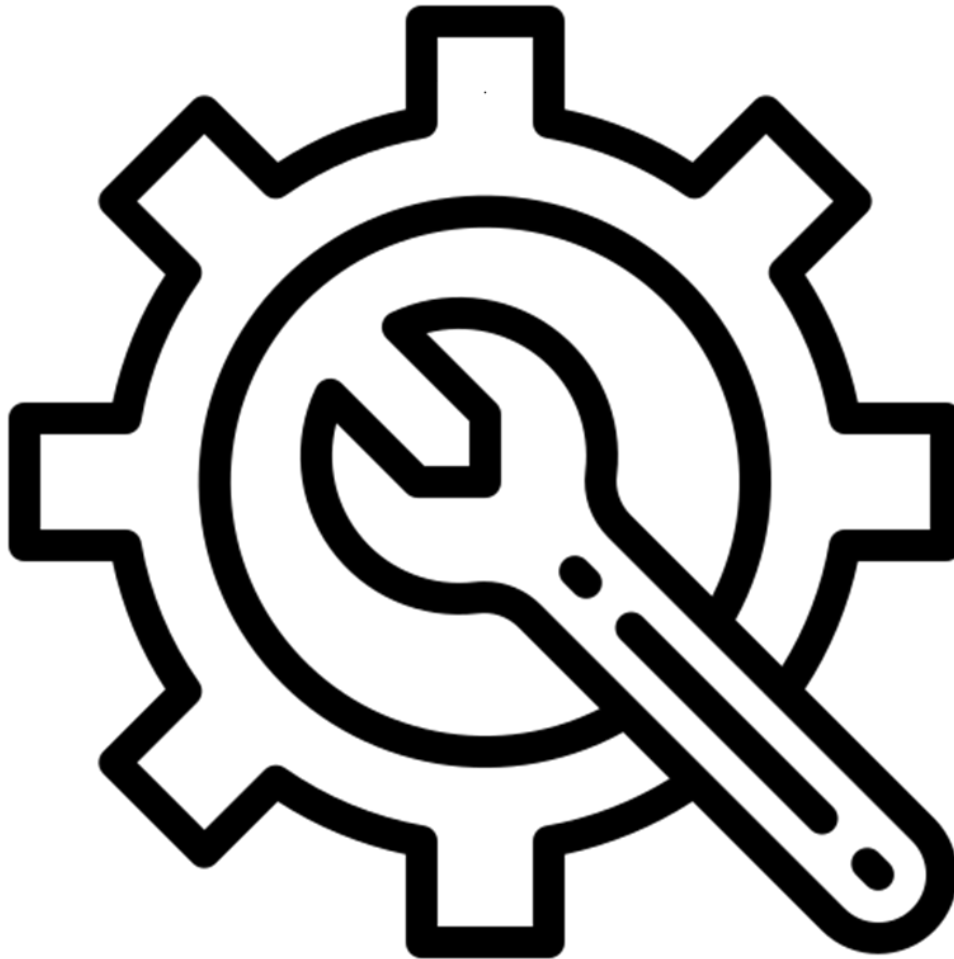


# **THRUSTMASTER®**

## 2 Pedals Refresh kit

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### Assembly instructions




Take care to follow the instructions carefully and retain all small parts (screws, springs, etc.) when disassembly.

Once the product has been opened, take the opportunity to remove any accumulated dust and dirt with a soft cloth or compressed air (at low pressure).

## Summary

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## 1. Tools



|  |  |
|--|--|
| <p>Phillips screwdriver<br/>S2 PH1</p> |  A vertical image of a Phillips screwdriver with a yellow handle and a silver metal shaft. At the top is a circular logo with a black cross. Below the handle, the shaft is shown with a Phillips bit inserted into it. At the bottom, a small circular logo with a cross is visible. |
|--|--|

## 2. Content

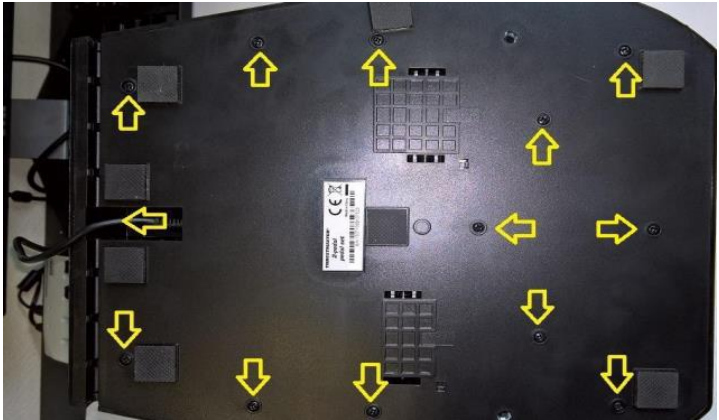

|  |   |
|--|---|
| <p>Brake spring (higher hardness)<br/>35mm x 10mm</p>      |  A photograph of a small, silver metal spring with two curved ends, resting on a white surface. The spring is coiled in a single loop.    |
| <p>Accelerator spring (Lower hardness)<br/>75mm x 20mm</p> |  A photograph of a larger, silver metal spring with two curved ends, resting on a white surface. The spring is coiled in a single loop. |

### 3. Disassembly


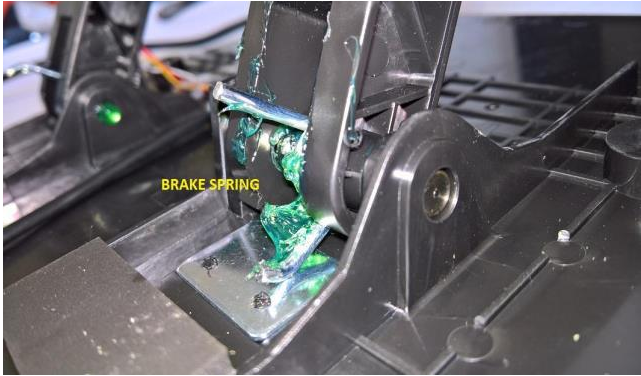
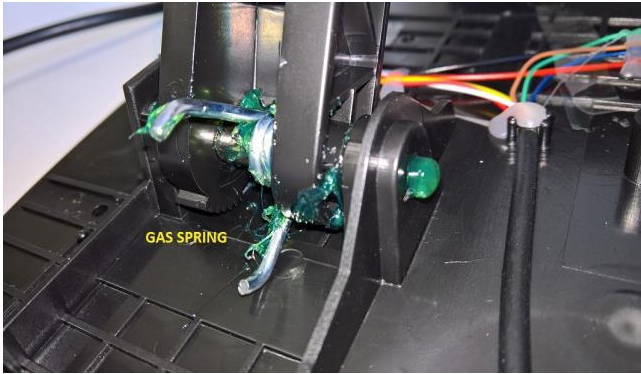

#### a. Pedals heads

| Step | Action  | Illustration   |
|------|---|--|
| 1.   | Unscrew the 4 screws from the pedal heads.  |  |
|      | <b>Tools:</b><br>Philips Screwdriver<br>S2 PH1  |  |


#### b. Covers

| Step | Action  | Illustration   |
|------|---|--|
| 1.   | Remove the 13 screws order to detach the pedal set's upper cover.   |  |
|      | <b>Tools:</b><br>Philips<br>Screwdriver<br>S2 PH1  |  |
| 2.   | Disassemble the covers  |  |

### c. Springs

| Step | Action  | Illustration   |
|------|---|--|
| 1.   | Push the pedal's shaft in order to remove the broken spring   |  A close-up photograph of a pedal mechanism. A yellow circle highlights the shaft area where the spring is being removed. The mechanism is dark-colored with some green grease visible.  |
| 2.   | Put the new spring in place (in the same way as the old one). Reuse the grease.   |  A close-up photograph of a pedal mechanism. A yellow label "BRAKE SPRING" points to the new spring being installed. The mechanism is dark-colored with some green grease visible.  |
| 3.   | Do the same for other spring  |  A close-up photograph of a pedal mechanism. A yellow label "GAS SPRING" points to the new spring being installed. The mechanism is dark-colored with some green grease visible.   |
| 4.   | <b>IMPORTANT !</b><br>Position the potentiometer so that the first tooth of the pedal arm is placed between the third and fourth teeth of the sprocket. |  A close-up photograph of a potentiometer gear assembly. The gear is dark-colored with several teeth. A potentiometer is mounted on the gear, and its shaft is visible. The potentiometer is positioned so that the first tooth of the pedal arm is placed between the third and fourth teeth of the sprocket. |

## d. Pedals Heads reassembly

| Step | Action  | Illustration   |
|------|---|--|
| 1.   | Put back the pedal set's top cover and attach it with the screws you have remove at step 2. |  |

### Advice :

Check if the pedals are working correctly in the wheel's control panel before putting back the pedal plates. If you encounter a "dead zone" at the beginning or at the end of the pedals' range, readjust the position of the potentiometer's sprocket.

