# Protocol Galileo Stealth Pinion Gear Replacement

Removing the pinion gear from the drone motor shaft is a very easy process that does require completion of prerequisite steps. Minimal tooling is required.

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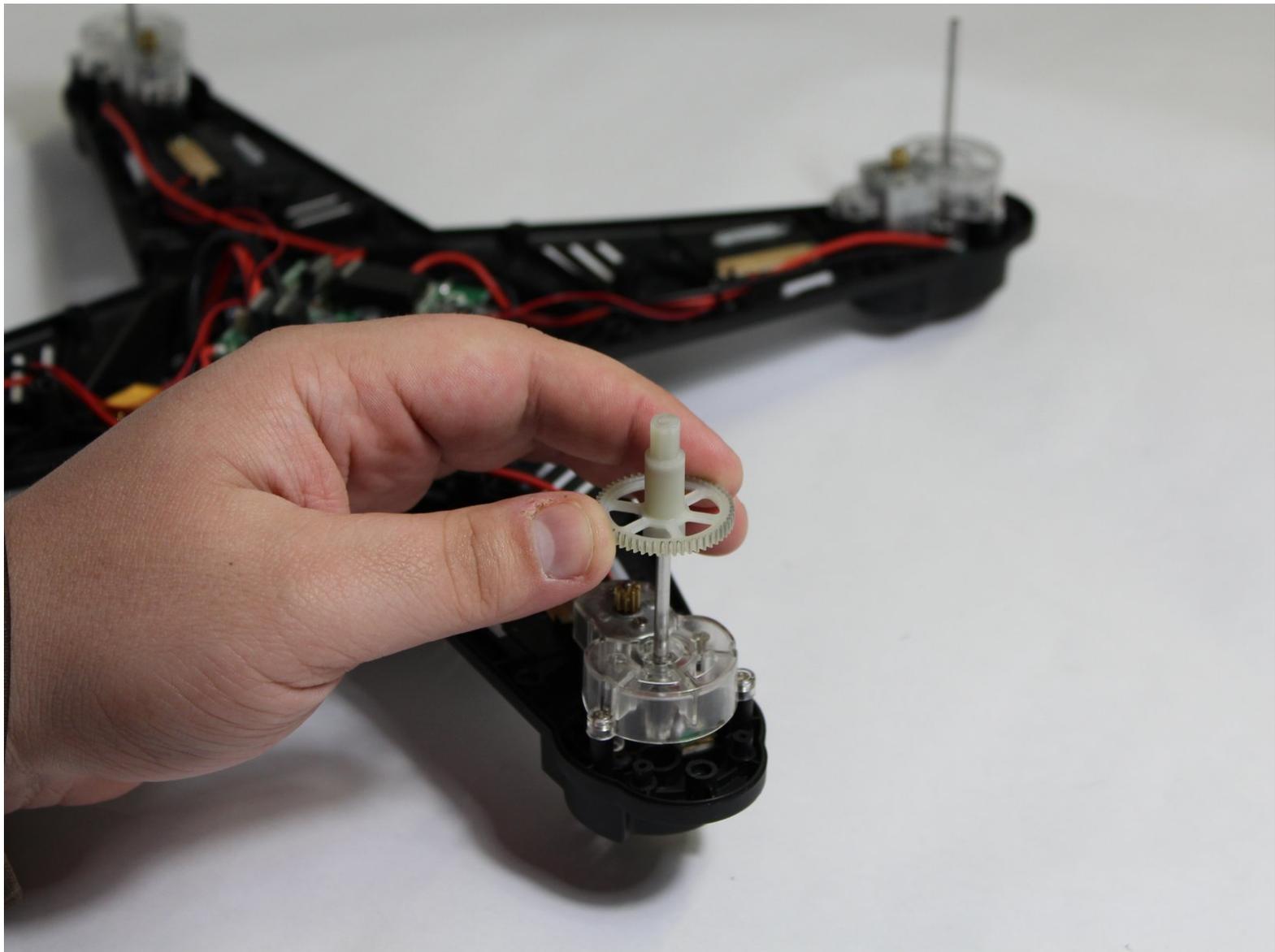
INTRODUCTION

This guide will walk you through how to remove the pinion gear from the motor shaft. Minimal tooling is required on the prerequisite steps, but removing the pinion gear itself requires no tools. Removing the pinion gear is very easy and should only take a few seconds to complete.

⚒ TOOLS:

- iFixit Opening Tools (1)
- Phillips #0 Screwdriver (1)

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Step 1 — Propeller

- Remove the chrome shaft cover by lightly pulling it away from the drone.

Step 2

- Using a Phillips #000 screwdriver, remove the 7mm screw from the propeller stop.

⚠ Be sure to apply adequate pressure when removing the screw to prevent stripping it out.

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Step 3

- Remove the propeller stop from shaft by lightly pulling it away from the drone.

Step 4

- Remove the propeller from shaft by lightly pulling it away from the drone.

Step 5 — Housing

- Remove the 8mm long Phillips #0 screws (24 total) from the lower housing unit.

- Take care to place the screws in a safe place to prevent losing them.

Step 6
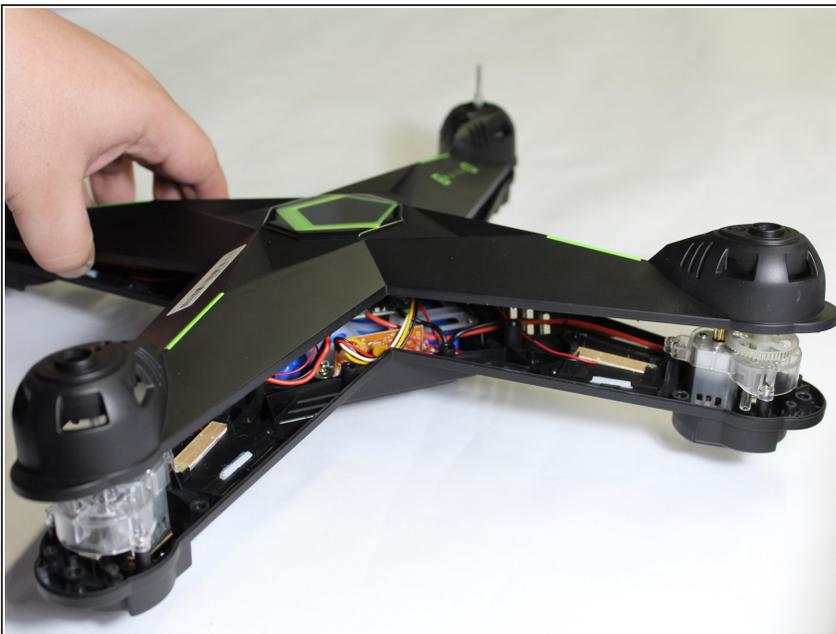
- Separate the upper and lower housing units by lightly pulling the two housing units apart.

Step 7 — Pinion Gear
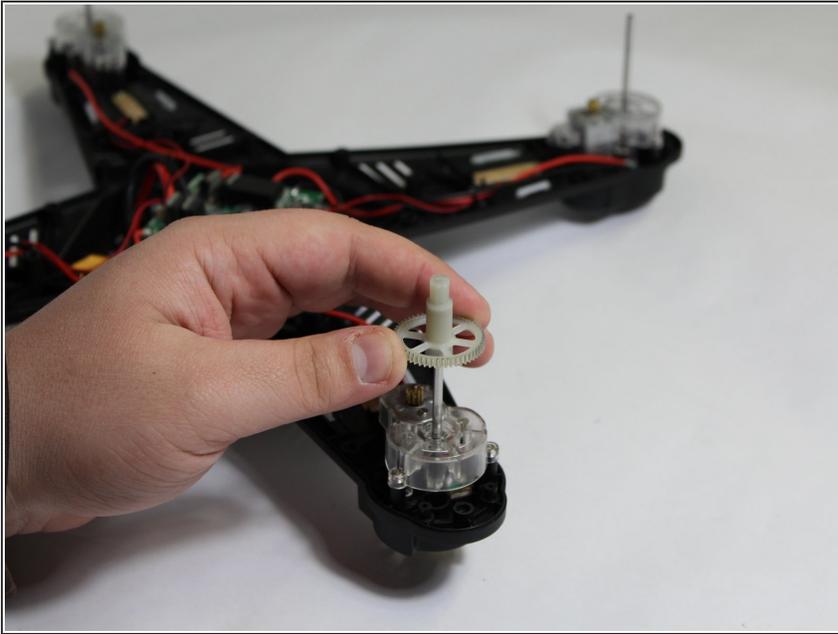
- Lift the pinion gear off the motor shaft by lightly pulling it away from the drone.

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

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