

## Installation Manual

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# IoT Guardian

Installation manual for mounting IoT Guardian to rearDrive & midDrive.

Version 1.1



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## Overview

This installation manual guide you to install a Guardian on a Christiania Bike with either rearDrive or midDrive.

Please note:

For retrofitting the IoT Guardian, you will need the retrofit cable for either midDrive or rearDrive.

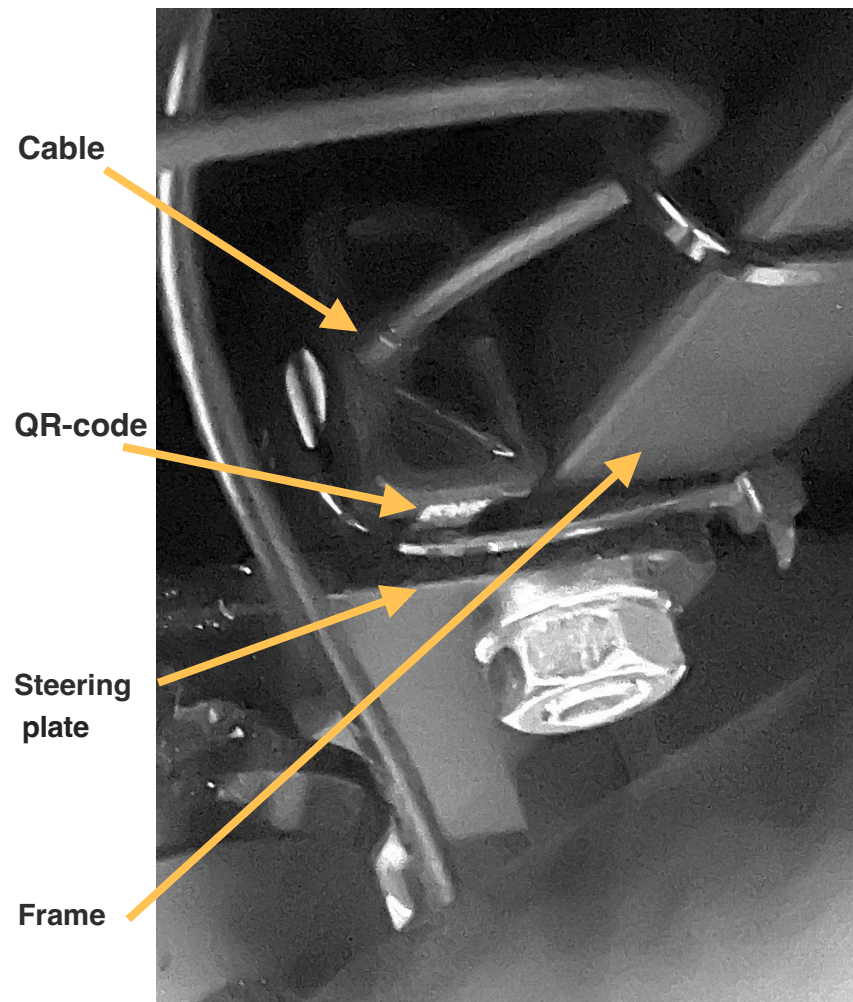
**ATTENTION:** Please note that the IoT unit is charging via the light system of the rearDrive system.

Therefore the battery of the IoT unit can only charge, when the system light setting is set to 'on'. It is **highly** recommended to set the light 'always on' in the system settings of the bike to ensure the IoT unit is always automatically charging.

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## Fixation of unit

Guardian must be fixed as illustrated in order to give correct satellite values. The QR-code of the Guardian needs to fluctuate with the steering plate. The cable from Guardian should face outwards and **not** along the frame. Fasten Guardian tight to the frame using cable ties.



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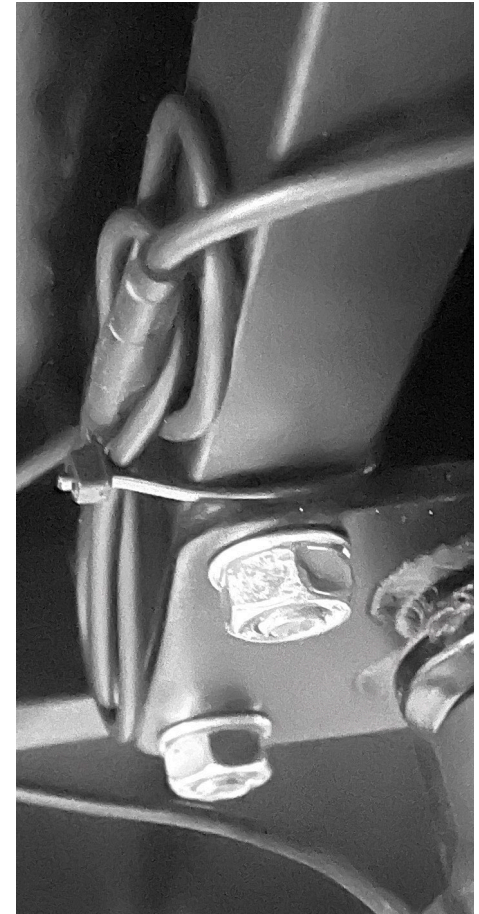
## Fixation of cable

### rearDrive:

Replace the light cable from the controller unit with the retrofit cable. Plug in the light cable in the retrofit cable and plug the Higo female from Guardian to the male Higo plug from the retrofit cable and fix the installation to the frame using cable ties.

### midDrive:

Plug the retrofit cable in the +/- connector in the Shimano Drive unit (not the same plugs as the light but in the other plugs). Connect IoT Guardian to the retrofit cable. The retrofit cable can either be fixed along the frame or inside the frame.



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## Final testing

Please check that the front lights works. In case the front light is working, the Guardian will also receive current and automatically charge when the light setting is set to 'on'.

Please check that it is possible to find the Guardian IoT in the App. In case it is not found in the app, the Guardian IoT is not receiving any current and the installation is not working properly.

