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Folding Handlebar Lock



These handlebars, designed by Joe Wentworth, serve two functions 1) to reduce the space taken by bicycles within the home/office and 2) it offers improved security by locking the handlebars to the frame. Joe says of his design:

Due to the space constraints experienced by urban living and the likelihood of bike theft it is desirable but difficult to store bike indoors... by folding the handlebars a bike can be conveniently stored in a hallway.

By locking the bar ends together it provides an additional level of theft deterrent when parking the bike outside. A secondary advantage of locking the steering is it significantly stabilises the bike when locked to street furniture. As a result the problem of buckled wheels due to bikes being knocked over and stood on is reduced.

The Handlebar Lock facilitates an effective bike theft prevention strategy - storing it off the street. However, if the bike is parked 'on-street' the Handlebar Lock operates as a steering lock reducing the opportunity for an opportunist thief to steal it and ride away. If the bike were removed then handlebars would need to be broken to use the bike – reducing the rewards to the thief. An anti-theft technique known as spoiling.

Type:

Steering Lock

Price:

N/A

Sold Secure Rating:

None.

Composition:

N/A

Strengths:

- Reduces space occupied by a bicycle allowing it to be stored more conveniently off street
- Easy to operate
- Increases effort required to steal it and reduces rewards available to potential thieves



Weaknesses:

- This device does not offer effective security on street without the use of an additional lock

Useful References:

<http://www.joewentworth.co.uk/>

<http://www.design21sdn.com/competitions/11/>

<http://www.design21sdn.com/competitions/11/entries/3095/gallery/18523>

<http://www.bsi-global.com/en/About-BSI/News-Room/BSI-News-Content/Disciplines/Sustainability/Folding-handlebars/>