

ROLLGLIDER

Horizontal ride
Handlebar
User manual



1 Introduction

This document contains the user manual for safe operation of the handlebar for horizontal Rollglider ride. It includes a step by step guide for changing the angle of a comfortable ride and folding of the handle bar for transportation. This component is designed to be used as an add-on to the Rollglider trolley RG.ST.99.000, product version: 3.6.7-2016.02. The operational practices and safety rules for the use of the Rollglider trolley also apply to the handlebar. When using the Rollglider handlebar, the participants should only be wearing the specific Rollglider harness for horizontal ride.

2 General Requirements

Following this manual for the use of the Rollglider handlebar is mandatory for the safe operation of the Rollglider attraction line.

3 Specific requirements

The specific requirements for the use of the Rollglider handlebar are divided in three major categories:

- Design and construction
- Belaying and attachments between the participant and the Rollglider trolley
- Checks and maintenance of the attraction

Following the requirements ensures the safe and optimized use of the Rollglider handlebar.

3.1 Design and construction

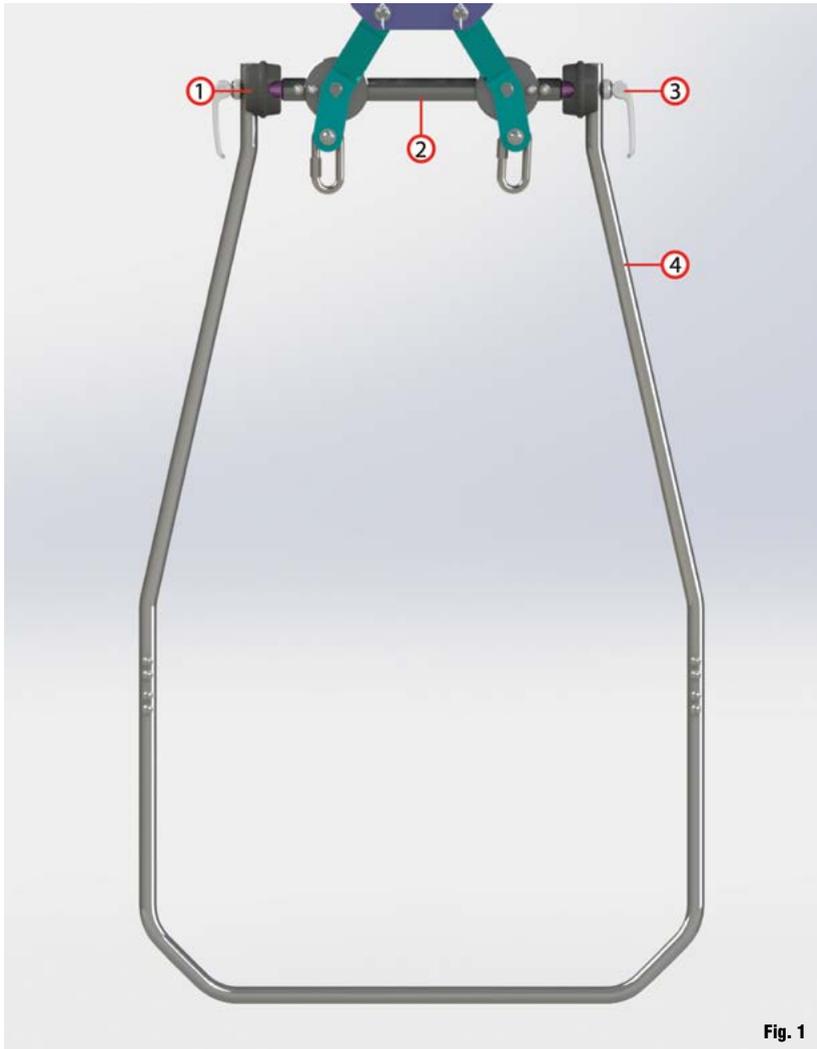


Fig. 1

The main components of Rollglider handlebar are as marked in Fig.1

1. Polypropylene caps used to fix the chosen angle of the ride.
2. Steering pipe that is an unseparable part of the trolley.
3. Handle with a cam that is used to change the angle of the ride.
4. Handlebar trapeze.

Handlebar trapeze

Change or removal of any of the components of the Rollglider handlebar is absolutely impermissible except with the exclusive approval of the manufacturer.

3.2 Attachment of the harness to the trolley

The attachment of the harness to the trolley happens via UIAA certified maillons and lanyards.

3.3 Horizontal position harness

The handlebar is only used with the specific horizontal position harness provided by the supplier (Fig.2). The harnesses are certified in accordance to the PPE safety standard ANSI 359.1. The instructions and requirements for using the harness are provided in the harness manual.



Fig. 2

There are exactly and only 2 (two) anchor points that are used for attachment of the harness to the Rollglider trolley as illustrated in *Fig.3*. The attachment method described in the harness manual should not be altered by any means.



Change or replacement of the harnesses supplied by the Rollglider manufacturer is strictly disallowed.

5 Changing the handlebar angle

The change in the angle of the Rollglider handlebar is necessary due to the varying height of the participants.

To ensure maximum comfort and security of every rider, the recommended riding position is one of which the participant's arms are slightly bent at the elbows. (Fig.4) However, every participant is welcome to choose their own position at which they feel most comfortable and secure.

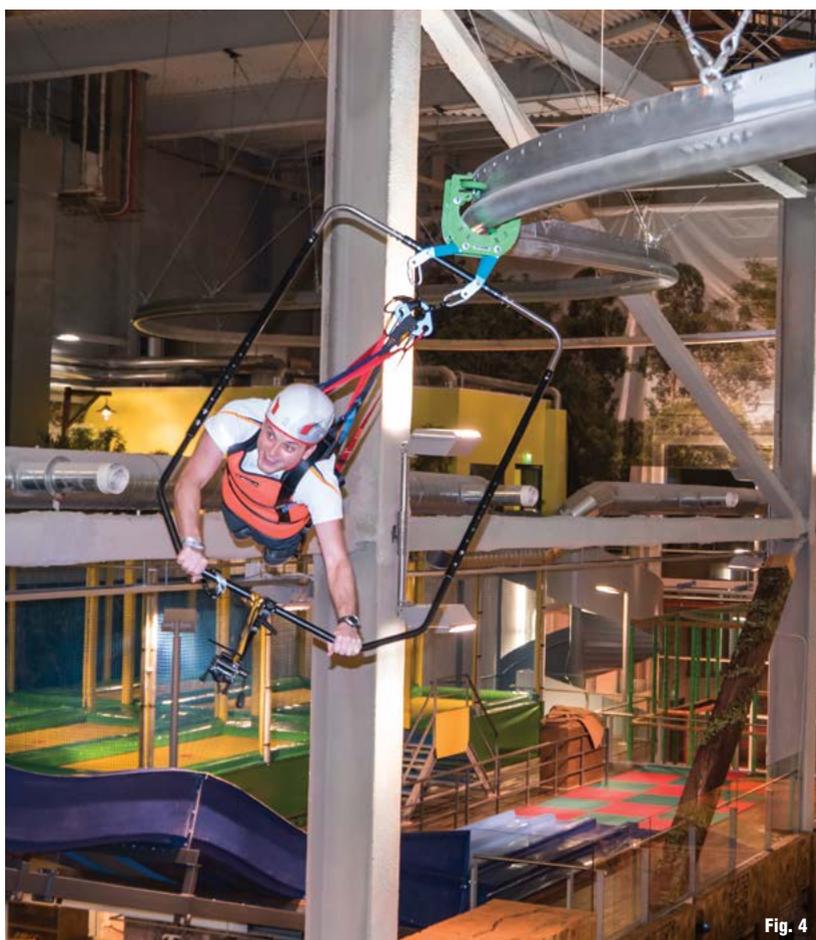


Fig. 4

Changing the angle of the handlebar trapeze for the ride is performed via two handles with cams and two polypropylene caps.

1. Unlock the handles (Fig.5)

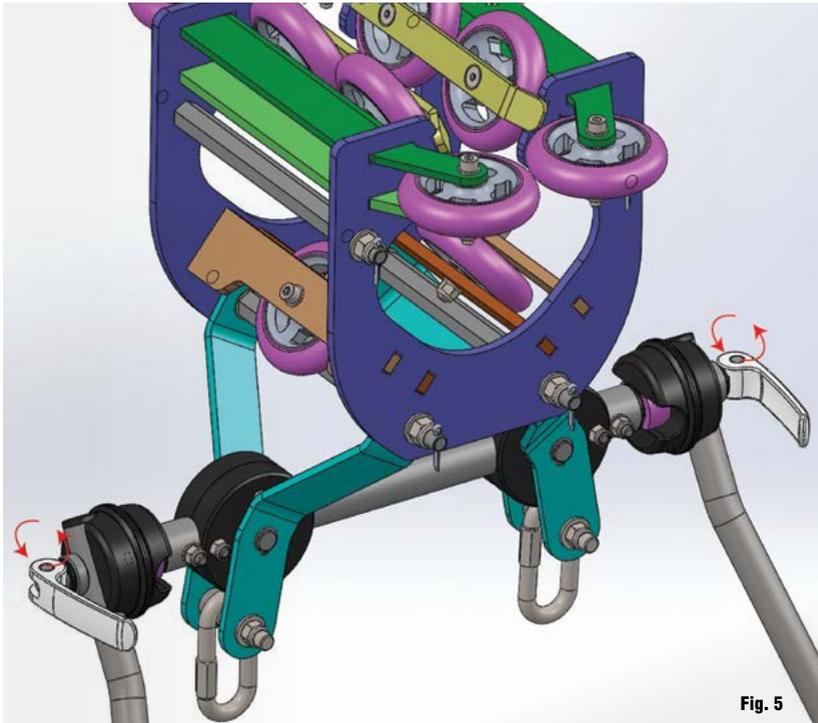


Fig. 5

2. After the handles are already unlocked, make several rotation cycles towards the participant to loosen and unlock the polypropylene caps.

3. When the PP caps are unlocked, the angle of the handlebar can be freely adjusted (*Fig.6*)



4. When the angle is set, it is important to firmly tighten and lock the handles because the ride causes mechanical vibrations that can potentially loosen the handles. The handlebar is safely constructed to block the handles from falling off even if they come loose during the ride but keeping them tight would prevent unwanted change in the angle during the Rollglider ride and would ensure the fun and exciting experience of your client.