

## Alternative Configurations

# Balance Point & Handling - HD Balance

*An individual risk assessment must be completed for alternative configurations of HD Balance wheelchairs. Determine if tipping and/or pinching risks increase due to the modifications. If there is an elevated risk it must be determined if the alternative configuration is nonetheless warranted. Be sure to inform all concerned parties about all risks!*

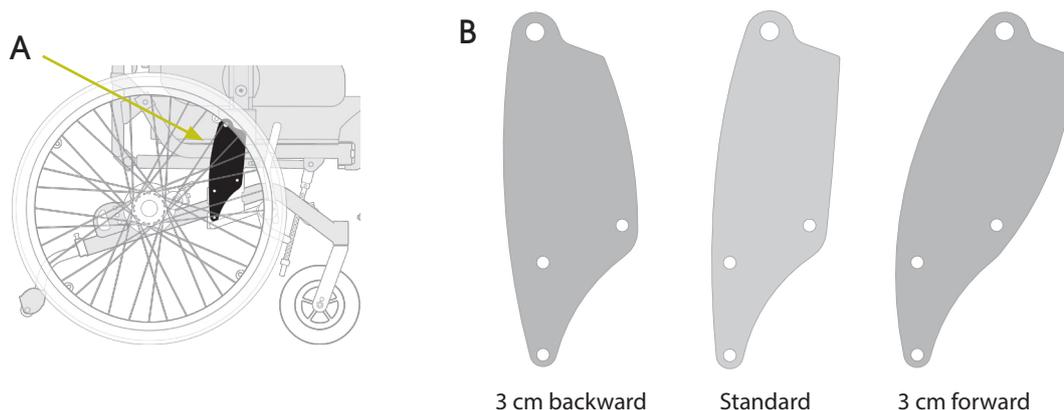
*Documents 95759-1 "Reference Table - Balance Configurations" and 95758-1 "Reference Table - Balancing Modes" specify which combinations of balancing with seat raising and seat lowering are permitted, as well as any limitations they introduce. Document 95758-1 also lists the article numbers of the different adapter kits needed for forward- or backward-adjustment of the seating unit for existing wheelchairs.*

*See also Risk Information, art.nr. 95707-1. Read this document before ordering an alternative configuration!*

### Balancing of seating unit (adjusting centre of gravity)

Balancing of HD Balance is done by changing out the balance plates (A) which connect the wheel frame and seat frame, for an alternate version (B). This optimises balance and improves the tilt and handling characteristics of the wheelchair if the body weight of the user is unevenly distributed, for example due to leg amputation.

The seating unit is moved 3 cm backward or 3 cm forward with the alternate balance plates.



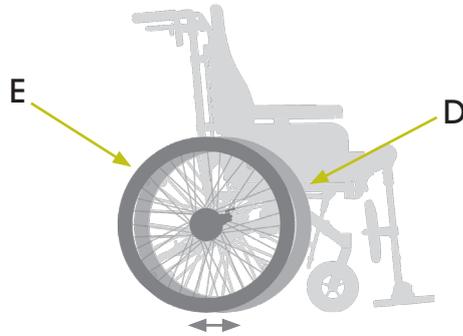
### Keep in mind:

- HD Balance in standard configuration is well balanced and works well for the vast majority of users. Therefore always check if the user truly requires a balance plate in alternative configuration. If the "wrong" user is given a wheelchair with alternate balance plates it can involve significantly increased risks and poorer handling.
- Changing of balance plates must only be carried out by qualified technical personnel.
- Balance plates that differ from the standard configuration are CE-marked and labelled with the article number on the inside of the plates. They are further marked with a special label (C) on the outside to highlight that special information exists. See document 95707-1.



## Drive wheel position

The drive wheels of HD Balance, 16" and 24", can be mounted in a forward or a back position. As standard the wheelchair is delivered with the wheels in the forward position (D). Testing has shown that this makes for a wheelchair that is easy to drive and has good stability for normal users. If the user often sits in a reclined position or has an unusual centre of gravity, for example due to leg amputation, mounting the drive wheels in the back position (E) gives maximum stability. The wheels are thus 5 cm further back, making the wheelchair more stable but also somewhat heavier to drive and manoeuvre.



## Keep in mind

- With an extended back and/or increased seat tilt, the back position for the drive wheels should be used. This modification of the drive wheel placement is ordered/used after an individual assessment of the tipping risk.
- Changing the position of the drive wheels must only be carried out by qualified technical personnel.