



Technical / News Bulletin

UK

BULLETIN NO.:

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BULLETIN DETAILS

Product Group: Attitude Bikes

Model Affected: Manual, Hybrid and Power

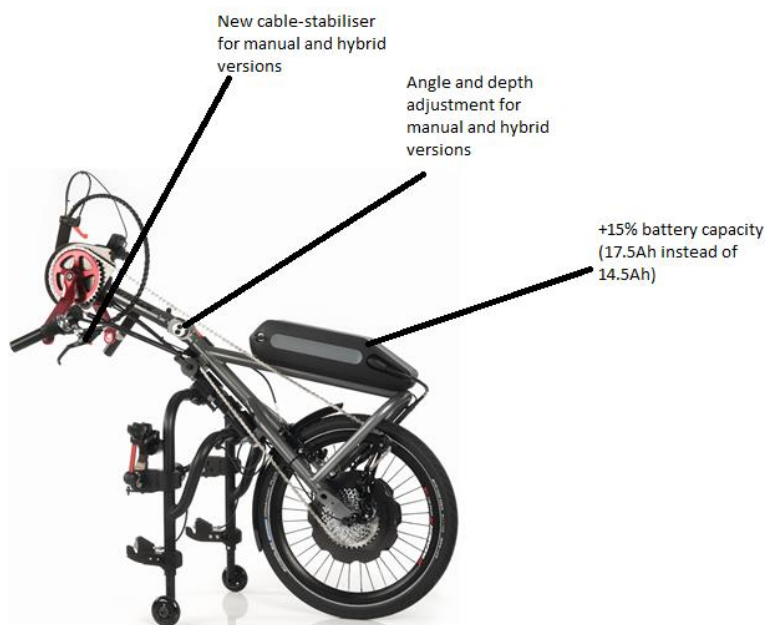
Effective Date: Immediate effect | **Serial No. Effective From:** N/A

Bulletin Subject: Improvements to Attitude family (Manual, Hybrid and Power)

Subject of Bulletin:

In an ongoing effort to improve the design, functionality and performance of our Attitude range, a series of improvements have been introduced with immediate effect for the Manual and Hybrid version. These improvements include a new angle and depth adjustment crank arm option and a new hub motor with planetary gearing and optical sensor for the Power version.

Manual/ Hybrid versions



Power version

New hub motor with planetary gearing and optical sensor for improved uphill-capability and improved response characteristics



New angle and depth adjustment crank arm (Available on Manual and Hybrid Versions)

We are very proud to introduce this option to improve the Attitude and to make comfort and efficiency a priority for the user. It offers a very stiff construction with almost no difference to the rigid fork. Perfect positioning depends on arm length and upper body size of the user. When the user reaches the centre of the crank, arms should never be fully extended for the optimum position. Achieving the most efficient height of the crank will be determined by upper body size and taking in to consideration the user's disability. This feature offers a continuously adjustable option with smooth operation, allowing you to achieve the perfect position with ease. Out of the box the depth adjustment is in the shortest position (0mm) and the angle is the same as on the standard fork. A built in chain-tensioner makes it possible to extend the depth from 0-40mm, you can further adjust from 40-100mm using a piece of chain included, but will need to be fitted with quick-links. The angle adjustment allows a position that ranges from 0 up to 28 degrees. This new feature will not only achieve a more optimal position for the user, it will make the fine adjustments much easier for the prescriber and allow people with different body shapes to enjoy a healthy active life style with the Attitude now being suitable for a wider range of users.

New aesthetic options available (Available on Manual and Hybrid Versions)

We have extended the option for the user to be able to further personalise their Attitude, by extending colour options you select on the product. You can now not only choose from 31 frame colour option, but also choose your chain guard and crank colour as well, allowing ultimate personalisation and making the Attitude complement the user's personality and their chair to achieve an improved slicker look.



New cable stabiliser (Available on Manual and Hybrid Versions)

We have added a new cable stabiliser for the Manual and Hybrid versions, this feature is aesthetically pleasing and enhances the Attitude's existing high safety features, keeping the chain away from the user's arms and hands.

Increase battery capacity (Available on Hybrid Version)

The new increased battery capacity offers 15% more battery life per charge, we have achieved this by using 17Ah instead of 14.5Ah. This feature allows increased distances before charging is required, allowing the user to make the most of the long summer nights.

New hub motor (Available on Power Version)

Our new hub motor with planetary gearing and optical sensor has been added to our Power version for improved up-hill climbing, not only that, it also boosts improved response characteristics. This allows the user to achieve even more than they could before and have greater control whilst they do this.

Benefits now given to the Customer

- Angle and depth adjustment on crank arm for Manual and Hybrid versions, allows the optimal positioning for the user.
- Improved aesthetics on Manual and Hybrid versions, allows the user to have full personalisation.
- New cable stabiliser improves look and enhances the safety for the user.
- Increased battery capacity on the Hybrid version, allows the user to enjoy more freedom and enjoy longer days
- The new hub motor for the Power version makes everything more responsive and allows the user to achieve greater, more efficient hill climbing capabilities.

Literature Affected:

Sunparts:	Available from http://parts.sunrisemedical.eu
Order Forms:	Updated and available via Customer Services
Website:	Available on www.sunrisemedical.co.uk

If you have any questions regarding this bulletin, please do not hesitate to contact:

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