



Re: RSX-RK5 IHD

1 message

David Prosser <info@sunraceusa.com>
To: Robert

Tue, Jul 7, 2020 at 10:30 AM

Hello Robert,

As long as you are not shifting under load and maintain / adjust the hub to keep up with the shift cable stretching you should be fine. The problem with e-bikes and internally geared hubs always leads back to shifting under load. This is the issue I would say 98% of the time.

Please let me know if I can help with any other questions.

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On Jul 7, 2020, at 9:42 AM, wrote:

Good Morning,

My name is Robert XXXX, I purchased and am awaiting shipping of a Bikonit MD1000. It's a midrive using the Bafang 1000 G510 1000W Ultra Mid Motor along with your RSX-RK5 and a Gates Belt Drive. I have heard concerns about using the RK5 in combination with the belt drive and the powerful Bafang Mid-Drive motor.

The chinese manufacturer Changzhou Lili Vehicle Parts Co., Ltd has assured me that they thoroughly tested the Sunray Sturmey Archer IHD with the Bafang and have no concerns with normal use. They use a shift power cutoff feature and I test rode a prototype at a dealer in Grass Valley with no problems observed. I love the concept of an IHG/Belt drive as I dislike finicky derailleurs especially in higher power applications like ebikes.

I plan on using this large ebike for recreational and commute riding. The speed/range capability of the MD1000 are the draws. The direct from China price is also very attractive for an ebike with these features and relatively high end components.

I would like your opinion about the RK5 and it's appropriateness for this use case with this ebike. I am an experienced rider and am aware that shifting under power is to be avoided. I'm even OK with replacing the IHG and consider it like any bike gear set that will wear out over time. I grew up driving clutch and even double clutch vehicles so it comes naturally for me to baby the transmission. Your thought and comments would be greatly appreciated.

