



TECHNICAL SERVICE BULLETIN #161

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Provided By: e*thirteen Technical & Engineering Dept.

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UPDATE FOR HELIX RACE CASSETTE USE ON EBIKES

THIS TECHNICAL SERVICE BULLETIN IS INTENDED FOR:

Distributors, Dealers & End-Users

PRODUCTS INCLUDED

- e*thirteen Helix Race 11-Speed Cassettes
 - 9/46T part #s FW2HRA-106, FW2HRA-107, FW2URA-113
- e*thirteen Helix Race 12-Speed Cassettes
 - 9/45T, part #s FW2HRA-100, FW2HRA-101
 - 9/50T, part #s FW2HRA-102, FW2HRA-103, FW2HRA-104, FW2HRA-105, FW2URA-112

BACKGROUND

- e*thirteen Helix Race Cassettes were released in 2021 with focused improvements on shift quality, weight reduction and drivetrain brand cross-compatibility.
- Helix Race cassettes were developed for MTB use and not recommended for EMTBs at that time.
- For 2022, updates were made to Helix cassettes to strengthen key loading points to ensure ebike compatibility and e*thirteen now approves Helix Race cassettes for use on EMTBs.

KEY POINTS

- Product:
 - While still not considered our "e*spec rated" cassette, riders can now use Helix Race cassettes on EMTBs and retain the full benefits of their robust e*thirteen product warranty.
 - The Helix Plus 9/50 12s cassette (Part# FW2HPA-100) and TRS+ 9/46 11s cassette (Part# FW2TPA-101) are our "e*spec rated" cassettes and are the best option for general EMTB use.



About e*thirteen:

When the cycling world calls for reliable performance solutions, e*thirteen responds.

A global organization of expert designers, engineers, developers, manufactures, marketers, sales teams, and customer service players, e*thirteen is dedicated to building bold, "best in class" bicycle solutions for today and tomorrow's riders. After 20 years of building unique solutions across a variety of industry needs, e*thirteen is a leader providing bike retailers and riders high performing products with one goal - To stay true to the promise of fearless engineering for the best possible and most reliable ride.