

Press release

Recycling of e-bike drives

Berlin/Göttingen (March 16, 2023) Brose is the first e-bike drive manufacturer to offer a special recycling program for its drives. Vincent Bahar, project manager for remanufacturing at Brose Mikromobilität, explains how remanufacturing works to press service bicycle.

What recycling options does your company offer?

We are the first e-bike drive manufacturer to offer a concept that enables us to make individual assemblies or components usable again from old drives. Our remanufacturing program saves at least 21 kilograms of CO₂ compared to the use of new parts – per drive. In doing so, we are setting new standards for environmentally friendly mobility.

How does the cycle work?

Not every part in the drive is suitable for remanufacturing. We use the possibility for electronic components, signaling discs, torque sensors and plug sockets. After removal, the parts are checked and thoroughly cleaned, mechanical components, for example, are placed in their own car wash. Subsequently, another intensive examination takes place. If the parts have passed all tests, we build a remanufacturing drive with the missing components, which is in no way inferior to a completely new engine in terms of durability and quality. This method is applicable to our engines of the Mag and Aluminium series.

How can you personally support the circulation?

If the e-bike has a defect or is no longer desired, you should not leave it in the garage or dispose of it at the recycling center, but hand it over to specialist retailers. Here the appropriate steps are initiated.

Press:

Brose Antriebstechnik Antje
Geyer Phone: +49 30 343498
294
E-mail: antje.geyer@brose.com

Brose Antriebstechnik
GmbH & Co.
Kommanditgesellschaft,
Berlin

Sickingenstraße 29-38
10553 Berlin

Phone: +49 30 343498 100 Fax:
+49 30 343498 122 E-Mail:
ebike.berlin@brose.com

Internet:
brose-ebike.com

Image selection (Image rights: Brose)



At the company's headquarters in Berlin, drive parts of a Brose drive are remanufactured.

Brose Antriebstechnik
GmbH & Co.
Kommanditgesellschaft,
Berlin

Sickingenstraße 29-38
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