

Cherry BX-2 Supplement # 12

Brake to be mounted inside

The original hydraulic disk-brake is mounted outside of the wheel.

A disadvantage of this configuration is the necessity of disconnecting the hydr. tube for changing the tire.

Re-connecting the hydr. line may require bleeding the brake which may cause some inconvenience.

For this reason a brake to be located inside of the wheel was developed to fit to the existing axle D 021. The brake-plate is equipped with springs to ensure the brake is cleared when not in use. In order to pull the wheel only two M6-bolts need to be removed from the brake housing.

The two rim-halves are machined out of full aluminum parts. This eases changing the tire, since the rim halves are mounted with 6 bolts only. The valve is now located outside in order to ease maintenance.

Design according to the sketch „Innenbremse“ dated Dec 2004 (attached).

The tires are the original 4.00x4“ / 6 ply.

The weight of the rim and brake: 1.4 kg without bearings 6006 and tire.

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Note:

- Jan Hermsen, S/N 213 is the first to operate these parts
- A more detailed drawing (A 0) should be available for this change soon

