at the joint with the front wheel disk, main drive casing and the protective disk on the sidecar axle.

Servicing the Wheels

To prolong the service life of the wheels, it is essential to tighten up in due time the spokes that have lost their tension. The loosening of the spokes is particularly noticeable during a running-in. At least once after every 100, 300, 500, 1000, 1500 and 2500 km, it is necessary to check (by tapping the spokes with a wrench or any other metallic, object) and, if necessary, to tighten up the loose spokes.

Ensure that the spokes are tightly and uniformly tensioned.

During a running-in period, daily check together with the spoke tension the play of the wheels and tighten the bearings, if necessary.

The adjustment procedure for the bearings is as follows:

raise the wheel above the ground;

unscrew and extract the axle;

remove the dust-protecting washer;

insert and tighten up the axle (without the washer);

slacken the bearing adjustment check nut;

holding up the wheel with one hand, screw in the nut until the bearings are properly adjusted (the wheel must turn freely in the bearings, without noticeable play). It must be borne in mind that the overtightening of the bearings as well as too large a play will disturb the proper operation of the wheels thus causing them to wear out fast;

tighten up the check nut reliably, taking care not to disturb the bearing adjustment;

unscrew and take out the axle;

fit the dust-protecting washer back in its place, insert and screw up the axle;

make sure that the wheel rotates freely, without any noticeable play;

lower the wheel to the ground.

The same adjustment may be also carried out on a removed wheel (Fig. 23).

Subsequent adjustments of the wheels should be carried out every 2500 km.

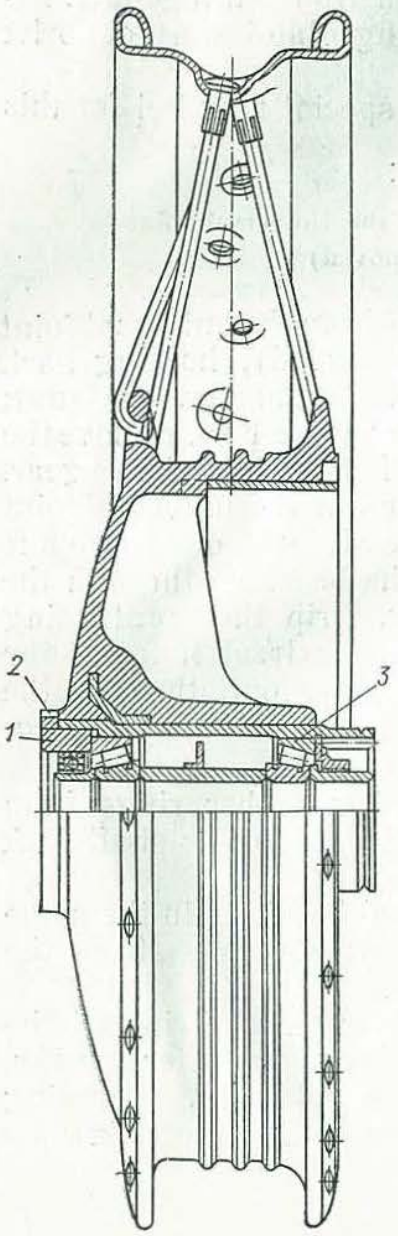

Fig. 22. Motorcycle wheel:

1 — bearing adjustment nut; *2* — check nut; *3* — tapered roller bearing

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