Assembling the Fork

Prior to assembling, all the fork parts must be thoroughly cleaned of dirt and washed with kerosene.

The assembling should be carried out in the following order:

Assemble shock absorber *13* (Fig. 24), fit the spring, insert the absorber together with the spring into fork end pieces *17* and *18* and tighten with bolt *16*. Fit the body of assembled gland *8*, guide bushes *9* and *11* and locking ring *12* on tube *10*. Insert tube *10* into end pieces *17* and *18* and screw the gland body on the end piece. Coat the thread of the gland body with minium or bakelite lacquer. Insert tube *10* with end pieces *17* and *18* into casings *7* with guide sleeve *6* and pass it through bridge *5* of the steering column.

First secure tubes *10* in the bridge by means of coupling bolts *26*. Then insert screws *22* with washers *23* into the drain holes of the end pieces and tighten the screws. Pour 130 cm^3 of oil AC-8, GOST 10541—63 in each fork blade.

Before installing the front fork on the frame, check the number of balls in the steering column bearings (there must be 24 balls in each bearing). When fitting balls in the races of the bearings pressed into the frame head, use grease Lithol-24. Insert the fork into the frame head and secure with nut *7* (Fig. 25), then install traverse *3* (Fig. 24) on the cones of tubes *10*. Screw the ends of shock absorber rods into nuts *2* (Fig. 25) and lock them with nuts.

Ensure that the clearance between the end faces of the check nut and the upper tip of the spring is within 0.2 and 0.4 mm. Slightly screw in nuts *2*, slacken bolts *26* (Fig. 24), screw home nuts *2* (Fig. 25) on traverse *3* (Fig. 24) and tighten bolts *26;* screw up nut *4* (Fig. 25), also screw up absorber wing nut *1* and cotter it.

Connect the front brake cable to the lever on the brake disk, insert the disk together with the wheel in between the fork blades. Pass the front wheel axle through the hub and brake disk and screw it up (left-hand thread).

Secure the axle in the left-hand end piece of the fork blade by means of nut *20* (Fig. 24).

REAR SUSPENSION SHOCK ABSORBER

Dismantling and Assembling the Shock Absorber

To dismantle the shock absorber, proceed as follows:

a) grip lower end piece *13* (Fig. 26) in a vice or in a special appliance if the shock absorber is arranged vertically;

b) by pressing down upper casing *3*, compress suspension spring *4* for 5 to 10 mm and take out sliding blocks *2;*
remove the upper casing, spring, carrier ring *10* and movable cam *11;*

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