red length of the draw rod within narrow limits by screwing the end piece on or off the rod, following which secure the forked end piece with a check nut.

The brake action is checked during riding.

The brake system is considered sound if the braking distance is within the value specified in section "Specifications".

Never adjust the front brake for the locking (skidding) of the front wheel. This can lead to motorcycle overturning.

ELECTRICAL EQUIPMENT

The electrical equipment, which consists of electric power sources and consumers, auxiliary devices and wiring, is intended to ensure the ignition of gas mixture in the engine cylinders, lighting, sound and flash signalling. The motorcycle electrical equipment diagram is presented in Fig. 31.

The power sources include two storage batteries 3МТ6 and a. c. generator Г424 with current-and-voltage regulator РР330.

The consumers of electric power include the following: ignition devices (ignition coil, contact breaker and spark plugs), lighting and signalling devices (headlamp, motorcycle and sidecar lamps, turn indicators, horn).

The auxiliary devices are as follows: master switch with ignition lock; indicator lamps of storage battery charge and generator operation, of oil emergency pressure, of gearshift mechanism neutral position, of turn indicator, of high and lower beam and turn indicator switch; turn indicator interrupter; oil emergency pressure transmitter; stop light switch; dip and turn indicator switch.

The electric circuit consisting of low-tension wires is of the single-wire type, i. e. the consumers are supplied from power sources through one wire (connected to the positive terminals of a storage battery and generator), while the frame and other metallic parts of the motorcycle and of the devices proper are used as the second wire ("earth"). The negative terminals of the storage battery and generator are connected to "earth".

To monitor the charging of a storage battery, a charge control lamp ПД20Е (red light filter) is used. The lamp goes out to indicate that the battery is on charge.

The oil pressure in the engine system is monitored by an emergency oil pressure transmitter ММ126, emergency pressure is signalled by warning lamp ПД20Е (red light filter) on the dashboard.

Pilot lamps ПД20Д (green light filter) are intended to indicate the gearshift mechanism neutral position, the switching on of a high beam and switching on of the turn indicator lamps.

To ensure a safe and convenient riding light signalling is provided including lamps ФП246 and УП223Б on the motorcycle, lamps ПФ232Б and ФП219Б on the sidecar. Switch П201 is for switching on left-hand or right-hand turn indicator lamps whose operation is ensured by turn indicator lamp interrupter РС427.

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