

4.12 FRONT WHEEL

A. Construction

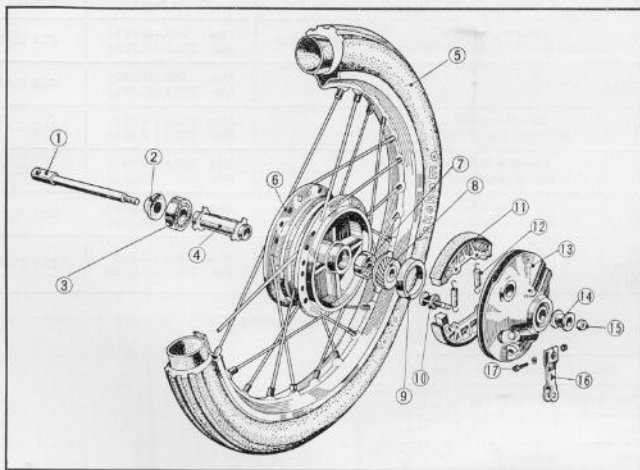


Fig. 4.81 Component parts of front wheel

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|-----------------------|---------------------------|
| ① Front wheel axle | ⑩ Front brake cam |
| ② 17377 oil seal | ⑪ Brake shoe |
| ③ 6301 R ball bearing | ⑫ Brake shoe spring |
| ④ Distance collar | ⑬ Front brake panel |
| ⑤ Front wheel tire | ⑭ Front wheel side collar |
| ⑥ Front wheel hub | ⑮ Axle nut |
| ⑦ 6301 R ball bearing | ⑯ Front brake arm |
| ⑧ Speedometer gear | ⑰ 6×25 hex bolt |
| ⑨ 47587 oil seal | |

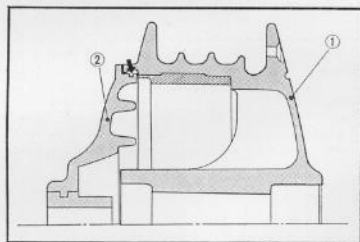


Fig. 4.82 Protective covering

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|---------------|
| ① Wheel hub |
| ② Brake panel |

The front wheel axle and the axle nut assembles the aluminum alloy hub, front brake panel consisting of the brake shoes, two ball bearings and a speedometer gear. (Fig. 4.81)

The reaction force created by braking is transmitted from the brake panel direct to the front fork.

For the CD 90, C 90, CT 90, the force is transmitted to the front fork by means of the torque link. Further, to provide waterproofing and dust proofing features to the front wheel hub and brake panel, a labyrinth has been designed into the hub. (Fig. 4.82)