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- Ensure the cush drive plate is undamaged.
- Ensure the cush drive rubber blocks have not hardened or crumbled.
- Check for any scoring of the brake disc.
- Ensure the bearing-flange circlip is still efficient.
- Check condition of the bearings.
- Ensure all spokes are properly tensioned and the wheel is true.

Re-fitting the rear wheel on the swing arm and drive box

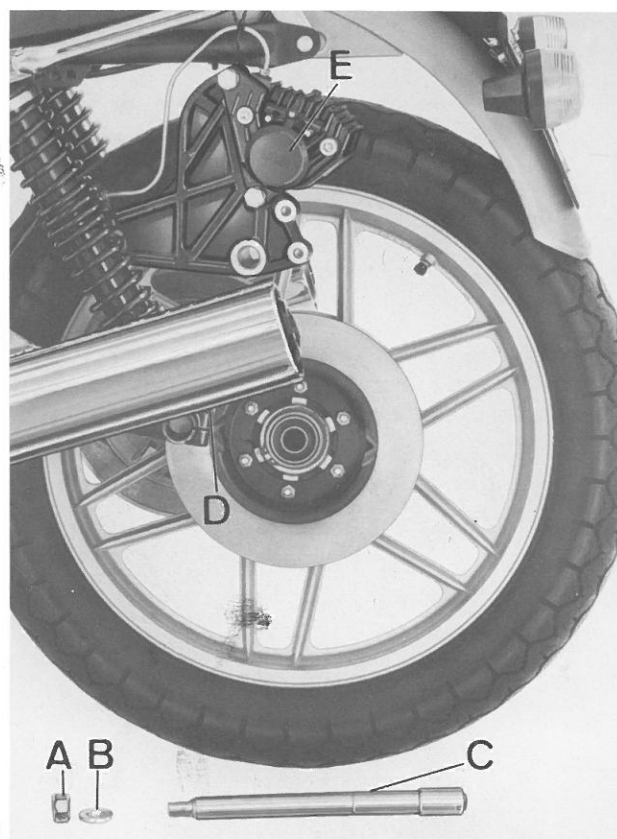
Reverse the dismantling sequence ensuring caliper plate «E» (fig. 159) is inserted in the swing arm lug.

23.4 REAR WHEEL - 1000 SP

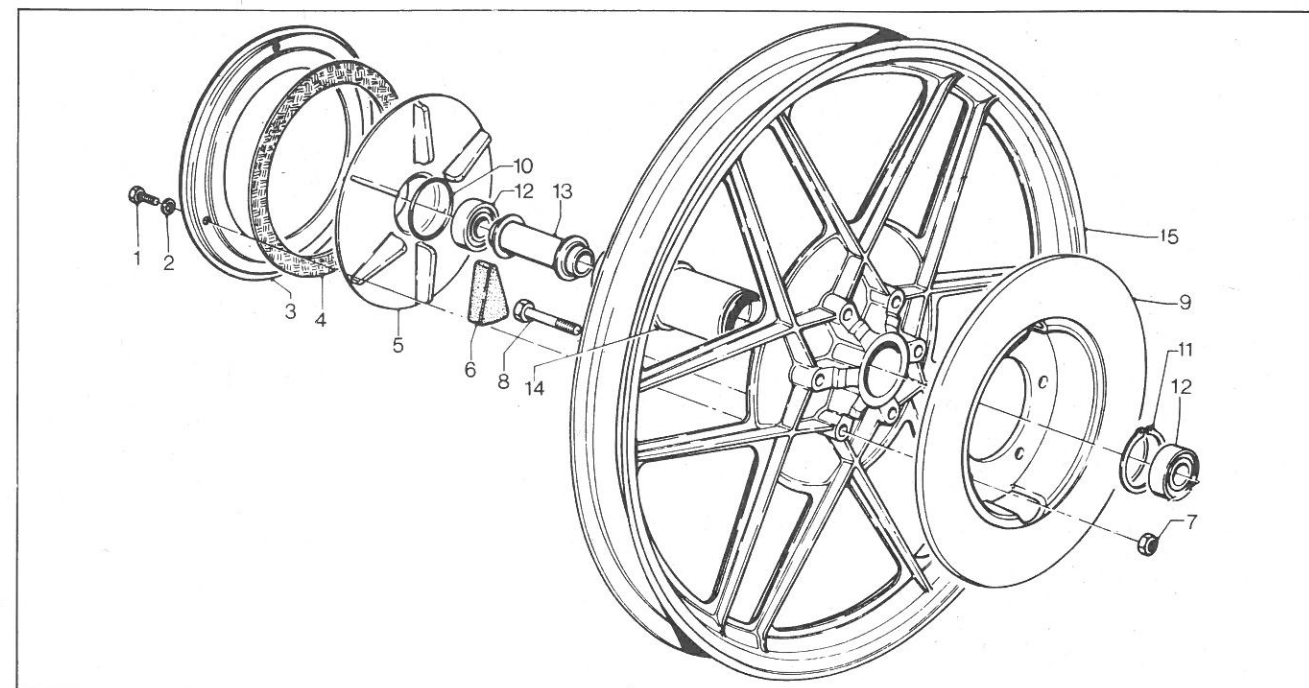
Removal (fig. 161)

Proceed as follows:

- Set the vehicle up on the center stand.
- Loosen spindle securing nut «A» with waster «B» from spindle «C»; drive box side.
- Loosen screw «D» securing spindle «C» to the swing fork arm.
- Withdraw spindle «C» from drive box, wheel hub, and the swing arm.
- Withdraw plate «E» complete with hydraulic caliper and tubing, securing it to the frame tube.
- Lean the machine to the right just sufficiently to allow the wheel to drop off the swing arm and drive box.



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Stripping the rear wheel hub (fig. 162)

Operate as follows:

- Undo screw «1» with spring washer «2», remove flange «3», and friction ring «4».
- Remove cush drive plate «5» and the 12 rubber blocks.
- Undo self locking nuts «7» and remove spindles «8».
- Remove brake disc «9».
- Remove gasket «10» and L/H circlip «11».
- Remove both bearings «12» and spacer «13».
- Take off hub «14» from wheel «15».

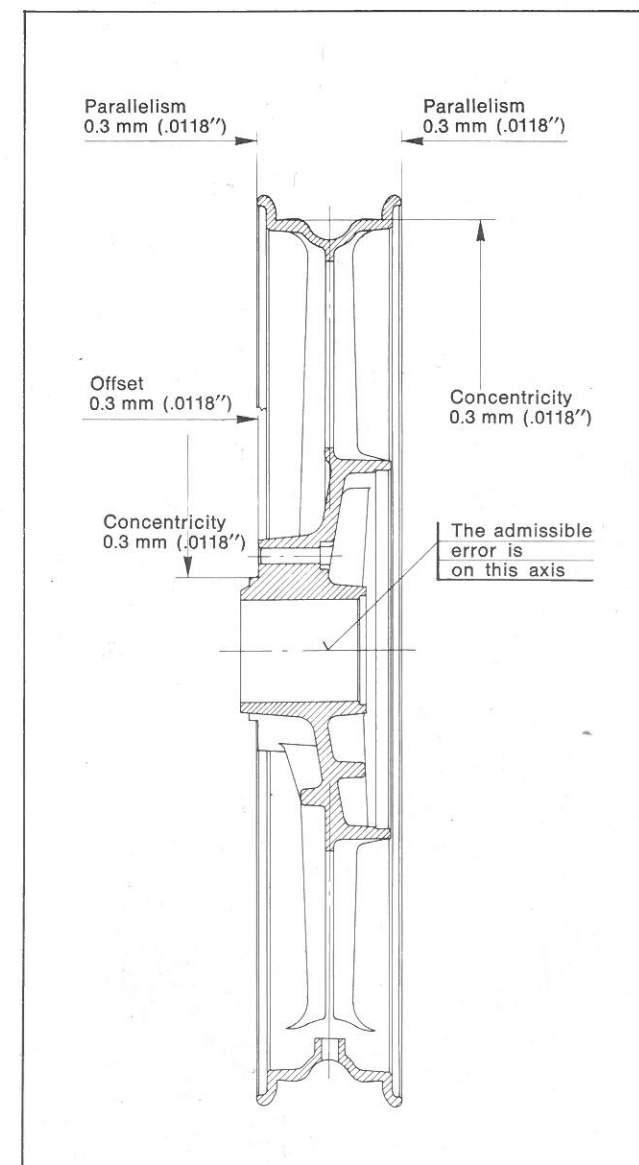
Inspection

After all parts have been removed from the hub, check that:

- the cush drive blocks are not crumbled or hardened;
- the bearing plate is undamaged;
- the flange is not deformed;
- the gasket is still in good condition;
- Circlip and bearing are undamaged;
- Brake disc is not scored and the flat surface contacting the disc is undamaged.
- Finally check end play and floatings against drawing fig. 163 and balancing of the wheel (para 23.7).

Re-fitting the rear wheel

Reverse the removal sequence ensuring the plate carrying caliper «E» (fig. 161) is inserted in the lug on the L/H swing fork arm.



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