

REPLACING THE FRONT BEARINGS AND AXLE OF THE CROSSRIDE DISC 15 MM WHEEL

Tools needed:

- 1 external circlip pliers (axle)
- 1 internal circlip pliers (bearings)
- 1 fine-tip flat screwdriver
- 1 standard bearing rod
- 1 bearing press kit 108 850 01
- 1 bearing press kit 996 887 01
- 1 hammer

Removing the axle



Remove the dust cover from the non-disc side:

- Insert a small flat screwdriver into the slots provided and gently and successively raise one side then the other.
- Finish the extraction by hand by pulling the cover parallel to the axle.



Remove the circlip using an external circlip pliers.



Remove the tapered washer, the pin and flat washer by taping gently on the axle, disc side (**Caution: be careful not lose these 3 elements!**).



Remove the axle from the disc side.

Removing bearings



Insert the bearing press from the disc side and remove the non-disc side bearing to the outside (be careful not to damage the circlip near the bearing).



From the non-disc side, using an interior circlip pliers, remove the first interior circlip (non-disc side) then the second interior circlip (disc side).



From the disc side, using the bearing press 108 850 01, remove the disc side bearing toward the outside.

CAUTION: the extraction operation may result in irreparable damaged to the bearings. In this case, the bearings must be replaced.

Replacing bearings



Insert the new disc side bearing via the non-disc side and push it home with press kit 996 887 01.



From the non-disc side, using an interior circlip pliers, refit the second interior circlip (disc side) in its groove, followed by the first interior circlip (non-disc side) in its groove.



Using press bearing kit 996 887 01, fit the new non-disc side bearing.

Replacing the axle



Insert the axle from the disc side.



Fit the non-disc side flat washer.



Assemble the pin and the tapered washer (the pin must fit into the groove on the edge of the tapered washer).



Mount the pin / washer assembly on the non-disc side by presenting the conical part toward the inside, and the grooved part toward the outside.



Using an external circlip pliers, replace the external circlip on the axle, non-disc side. Make sure that the circlip is correctly positioned in its groove by pressing on 3 points.



Maintain pressure on the axle, on the non-disc side, and simultaneously press on the pin at 3 points with a screwdriver (2 at the end + center) to slide it inside.



Release the pressure. The pin fits into position and adjusts the play automatically.



Replace the dust cover by pushing it parallel to the axle.