

REPLACING THE SPOKE ON A CROSSROC® UST® OR CROSSROC® UST® DISC WHEEL.

CAUTION

When a spoke is bent or broken, the spokes that are intact are under excess tension. To avoid breaking more spokes and eliminate this excess tension, you must loosen all the spokes. After replacing the bad spokes, increase the tension to its original level.

TOOLS NEEDED

- 1 spoke wrench.
- 1 hollow screw wrench M40630.
- 1 Hozan type tensionmeter.
- 1 wire cutter.
- Oil.

- 1** Loosen the spoke nipple using the spoke wrench to eliminate the tension.
- 2** Loosen the hollow screw on the defective spoke using the wrench M40630 (**caution : left hand thread**).
- 3** Cut the spoke if necessary/or remove it.
- 4** Insert the new spoke into the hub.
- 5** Install the hollow screw head first on the spoke then tighten the spoke nipple until it stops.
- 6** Put the new spoke properly in place. Then tighten the hollow screw using the wrench M40630 (**caution : left hand thread**). **Torque : 5 Nm.**
- 7** Put a drop of oil around the spoke nipple so it doesn't jam on the hollow screw.
- 8** Tighten the spoke nipple to restore the spoke tension : 110 - 140 divisions using a Hozan type of tensionmeter (90 - 120 kg) for the Crossroc® UST® or Crossroc® UST® Disc wheels (front and right rear).
- 9** Check the lateral and radial truing of the wheel (see page 20).

