

move it 3–4 in. (76–100 mm) further away from the tire iron supporting the tire bead and insert and pry the tire bead further off of the rim. Proceed in this manner until the entire side of the tire casing is above and clear of the rim edge.

The deflated inner tube can now be pulled from the tire casing and the inner tire casing inspected for damage or protruding sharp object, etc. Locate and eliminate cause of flat or puncture.

- g. Install a new inner tube of the correct size by inflating very slightly leave the valve core in the valve stem.
- h. Inspect the wheel rim inner tube protector strip to see that it is in good condition and centered over the spoke nipples.
- i. Align the tire balance mark with the

valve stem hole in the rim and insert the partially inflated inner tube into the tire casing. With the valve stem aligned with the valve stem hole in the rim.

- j. Work the inner tube into proper position in the tire casing and insert the valve stem through the valve stem hole in the rim. Install a valve stem retaining nut partially, but not tighten, onto the valve stem. Remove valve core.
- k. Apply a light coating of tire mounting solution (liquid detergent can be used in an emergency) to each of the tire bead surfaces, and between the free tire bead and rim edge.
- l. The tire can now be stepped into place using your heels. Placing both heels on the tire bead opposite the valve core and depressing the tire bead