



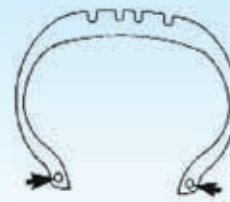
**AREA:**

**BEAD**

**CONDITION:**

Bead wires are completely or partially broken.

On the fractured surface, the damaged bead wires by tension look like a cone.



**CAUSES:**

- Careless mounting/dismounting (omission of lubricant such as soapy water on bead, forcible mounting/dismounting, mishandling of tyre changer or tyre lever etc.)
- Incomplete mounting of tyres on rims.
- Improper size of rims and faulty rims (damaged, rusted, etc.)
- Under inflation and/or overload.

**HOW TO CHECK:**

Observe the bead portion visually.

**RECOMMENDATIONS:**

- Use the correct side of rim without deformation and rust, and inspect rims frequently.
- Mount/dismount tyres carefully and in accordance with mounting/ dismounting procedures.
- Use tyres under the recommended air pressure and load.

