

Check tyres for damage from time to time and remove any foreign bodies (nails/stones, metal chips etc.) embedded in treads.

While fitting wheels on the vehicle make sure that wheel bolts are free from dust, scratches, dirt, dents, etc.

**Do not oil wheel bolts and nuts. Wipe off any adhering oil on bolts/nuts**

Tightening torque of wheel nuts :12-15 mkg. Retighten wheel nuts after 100 km of every wheel change.

**New tyres do not give maximum grip straightway and should therefore be run-in at moderate speed for the first 100 km. This will help to make the tyres last long.**

To avoid damage to tyres and wheels, drive slowly over speed breakers / bumps / rough roads.

### **Wheel balancing**

Wheels of your vehicle are balanced. The same should be maintained when repairing a tyre or tube and replacing the tyre or rim.

### **Repairing a tyre / tube**

Mark suitably the tyre position (If original colour dot mark is not visible) with respect to valve stem hole to ensure that tyre is refitted in original location. Ensure that the balancing

weights are not disturbed during removal of tyres. Check the balance weight prior to removal of tyre, if found loose, mark its location on the rim and refit properly.

### **Replacing a tyre / rim.**

When the tyre or rim is changed the wheel should be properly balanced on a machine after inflating to the specified value as per the following norms.

1. Permissible imbalance for tyre with rim = 250 gm-cm max.
2. Permissible balance weight for tyre with rim = 140 gm max.
3. Relocate the tyre if the weight required to balance is more than 140 gm.
4. Balance weights are available from 10 gm to 90 gm in steps of 10 gm and from 80 to 140 gm in steps of 20 gm.
5. Do not use more than one balance weight on side.