

## **Tyre installation**

### **Legislation**

EC Directive: 92/23/EC

UN ECE Regulation: R30.02, R30.03, R54 for durability and R117 for noise

### **Objective**

That approved tyres are installed correctly in accordance with the structure, maximum laden mass and maximum design speed

### **Requirement**

- Every tyre installed must have an EC or and ECE approval mark
- All tyres have the same structure
- The space in which the wheel revolves must be such as to allow unrestricted movement when using the maximum permissible size of tyres within the suspension and steering constraints provided by the vehicle manufacturer.
- Check that the load capacity index corresponds with the max load for axles
- Check that the speed index corresponds to max design speed

### ***Note:***

- \* See directive 92/23/EC for load capacity indices and speed category symbols*
- \* Special cases exist which are also described in directive 92/23/EC*