

Submitted by the expert from ETRTO

Comments on the remaining open points in the informal document GRRF 72-16 from India

During the course of the discussions on the tyre GTR India mentioned 2 points that needed to be verified concerning the GTR text in comparison to the US Regulations. We checked those sections and we find them to be identical to the US regulations. Here are the details:

Concerning the strength test for LT/C tyres in Paragraph 3.14.2.

Preparation of tyre

Mount the tyre on a model rim assembly and inflate it to the pressure corresponding to the maximum load, or maximum dual load where there is both a single and dual load marked on the tyre. If the tyre is tubeless, a tube may be inserted to prevent loss of air during the test in the event of puncture.

Condition it at room temperature for at least 3 hours and readjust the inflation pressure if necessary.

This paragraph comes from FMVSS 119, which has almost exactly the same text in paragraph 7.3 on the Strength test.

§ 7.3 Strength.

(a) Mount the tire on a model rim assembly and inflate it to the pressure corresponding to the maximum load, or maximum dual load where there is both a single and dual load marked on the tire. If the tire is tubeless, a tube may be inserted to prevent loss of air during the test in the event of puncture.

(b) After conditioning the tire-rim assembly in accordance with S7.1.2, adjust the tire pressure to that specified in (a).

The only difference is that FMVSS refers you to paragraph 7.1.2, which states that for the strength test the tire should be conditioned at 21°C (in other words room temperature) for 3 hours. To us there is no difference at all between the GTR and FMVSS 119.

India also mentioned paragraph 3.19.2.3. which deals with the high speed test for LT/C tyres. That paragraph says:

Before or after mounting the assembly on a test axle, readjust the tyre pressure to that specified in 3.19.1.1.

Here there is an error, and it should say "...readjust the tyre pressure to that specified in 3.19.2.1."
That correction will be made in the next version of the draft text. The text itself is identical to section 6.2.1.1.3 of FMVSS 139.