



**TECHNICAL SERVICES BULLETIN**

**Puncture Repair Procedures  
For Yokohama Tires with AIRTEX™  
Advanced Liner Technology**

**12/15/2009**

Yokohama has created a new line of energy efficient tires that features a new type of inner liner technology, AIRTEX™ Advanced Liner. This line can be identified by the name on the tire sidewall as shown below.



AIRTEX™ Advanced Liner material is very effective at tire inflation pressure retention. To ensure the inner liner material is retained and the tire repair unit seals the inner liner during the life of the tire, a simplified puncture repair method is required.

**Do not buff the tire inner liner with rotary tools that have a metal rasp or a wire brush.**

The only inner liner preparation required is to clean the inner liner surface around the area of the puncture. Use a soft wire brush to lightly prepare the area, followed by inner liner cleaning fluid (i.e.: Tech #704 rubber cleaner or equivalent) and a clean cloth. All the remaining proper repair methods defined by the Rubber Manufacturer Association apply: cleaning and filling the puncture, cement application, repair unit installation, etc.

Use of an air tool and aggressive buffing with wire brush wheel or rasp can result in the removal of the inner liner material beyond the sealing area of the repair unit; it can also result in exposed cords. Both of these conditions create the potential for reduced inflation pressure retention. If you remove the inner liner material, or expose but not remove the ply cord material, follow the repair manufactures instructions for restoring the inner liner sealing capability of the tire (for example: apply Tech #738 coating or equivalent). If you remove any ply cord material the tire has been damaged beyond repair and is unserviceable and must be replaced.

**Tires Featuring the AIRTEX™ Advanced Liner**

| Size          | Tread           | Part Number |
|---------------|-----------------|-------------|
| 185/65R15 88H | dB Super E-spec | 50112       |
| 195/65R15 91H | dB Super E-spec | 50115       |
| 195/55R16 87V | dB Super E-spec | 50114       |
| 215/60R16 95V | dB Super E-spec | 50113       |

If you need our assistance, please contact the Yokohama Tire Corporation Consumer Affairs Department at 1-800-722-9888 #2.