Technical Service Information Bulletin
July 31, 2002

Title:

REPAIR EVALUATION CRITERIA ON RUN FLAT TIRES

Models:

'02 – '07 SC 430

TSIB

REVISED PG006-02

PRODUCT GENERAL INFORMATION

TSIB REVISION NOTICE:

- **December 21, 2006: 2004 – 2007 model years have been added to Applicable Vehicles.**

Previous versions of this TSIB should be discarded.

Introduction

This bulletin provides procedures used to determine if a 2002 – 2007 model year SC 430 run flat tire is repairable.

If a flat tire occurs, it is possible to drive a maximum of 100 miles (160 km) at a speed below 55 mph (90 km/h) with SC 430 run flat tires, due to the reinforced sidewalls. If the customer drives with low inflation pressure (less than 14.5 psi [100 kPa] and with the Low Tire Pressure Warning Light blinking with chime sound), the inside of the sidewall will gradually deteriorate, and the tire must be replaced.

However, there are some cases where it is possible to repair the run flat tires by the same repair method as normal tires. Please use the flowchart in this bulletin to determine whether or not it is possible to repair the tires.

NOTE:

Follow the repair procedures of RMA (Rubber Manufacturers Association) if it is decided that a repair can be performed.

Applicable Vehicles

- **2002 – 2007** model year **SC 430** vehicles.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Tire Evaluation Flow Chart

Step 1
Check the tire pressure. Is the tire pressure more than 14.5 psi (100 kPa, 1.0 kgf/cm^2)?

No → **REPLACE THE TIRE**

Yes ↓

Step 2*
Question to the customer:
Q1: Did you increase the tire pressure immediately before coming to the dealership?

Yes → **Step 3***
Question to customer:
Q2: Did the low tire pressure warning light blink and chime sound before increasing the tire pressure?

Yes → **REPLACE THE TIRE**

No → **Step 4**
External tire inspection.
Does the tire have abrasions on the outer sidewall? See photo A.

No (Step 3*) → **Step 4**

Yes → **REPLACE THE TIRE**

No ↓

Step 5
Internal tire inspection.
Does the tire have conditions as shown in photos B–G?

Yes → **REPLACE THE TIRE**

No ↓

Step 6
Q3: Was the tire punctured in the tread area?

No → **Step 7**
Q4: Is the puncture 0.25 in. (6.35 mm) or less in diameter and is there only 1 hole?

Yes ↓

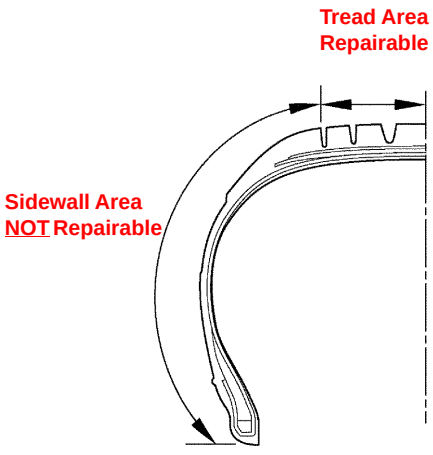
Step 7
Q4: Is the puncture 0.25 in. (6.35 mm) or less in diameter and is there only 1 hole?

No → **REPLACE THE TIRE**

Yes ↓

The flat tire can be repaired. Please follow the repair procedures of RMA (Rubber Manufacturers Association).

***NOTE:**
If the customer does not remember, replace the tire.

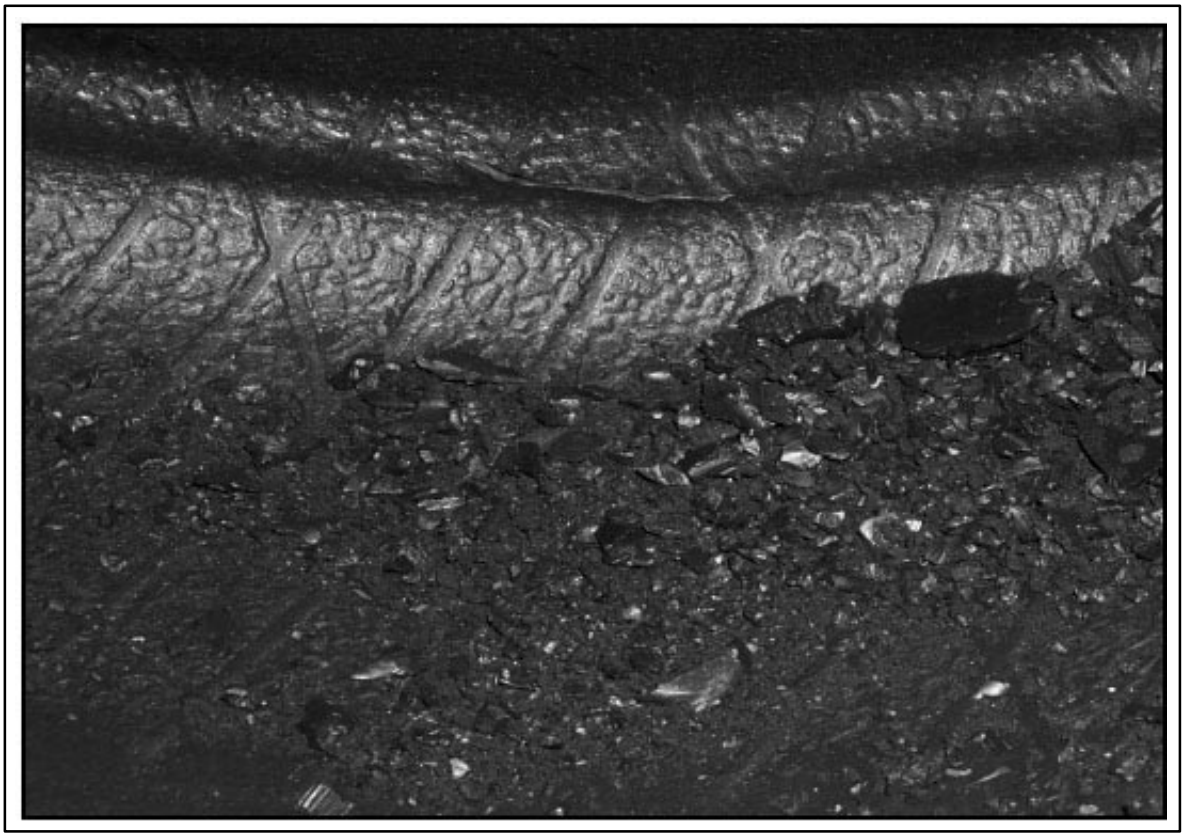


Unrepairable Tire Condition Photos

UNREPAIRABLE TIRE CONDITION PHOTOS

Photo A – Outer Sidewall Abrasions

Photo B – Rubber Dust / Crumbs



Unrepairable Tire Condition Photos (Continued)

Photo C – Loose Inner Liner

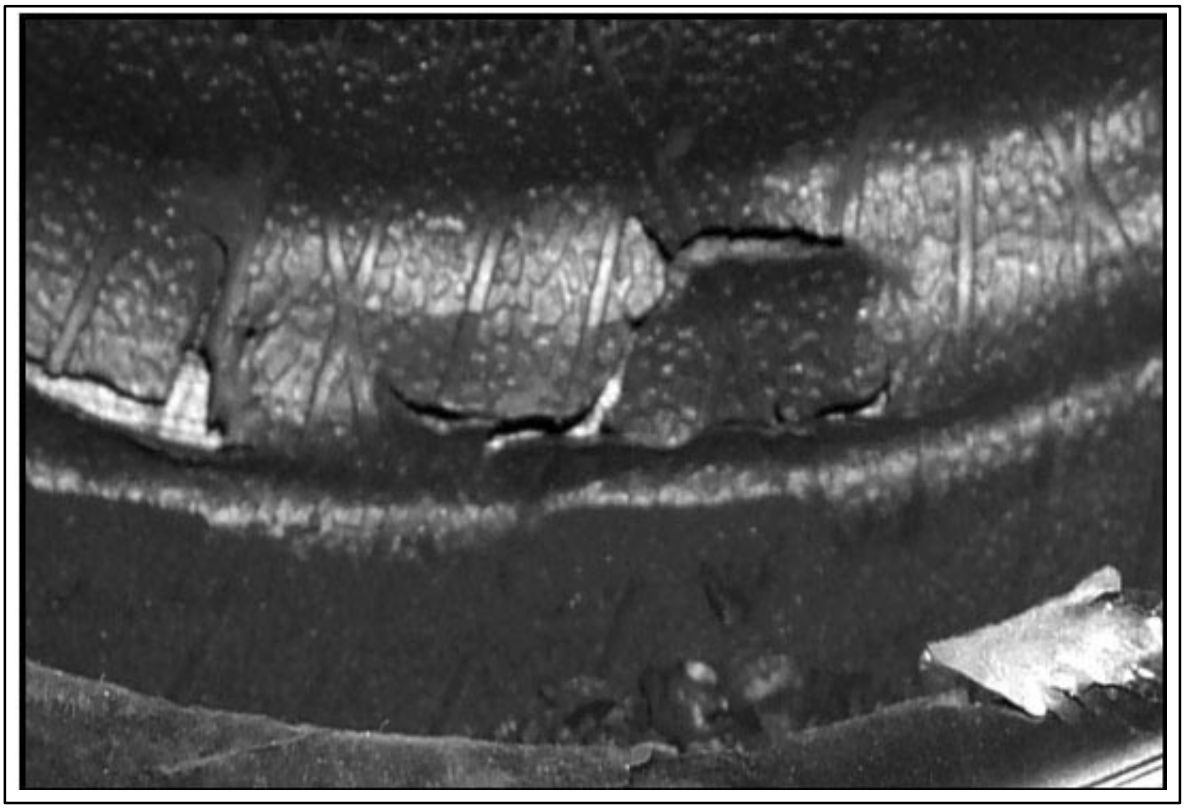
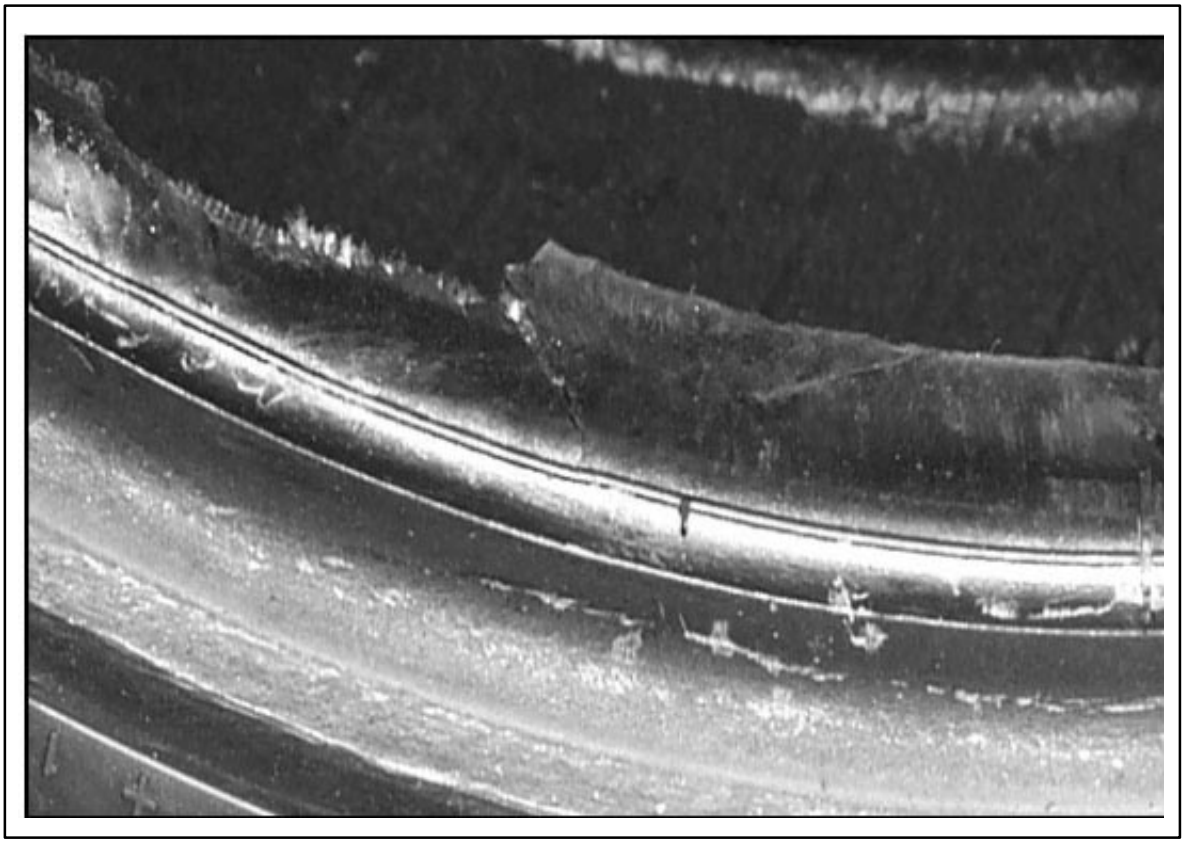


Photo D – Bead Damage



Unrepairable Tire Condition Photos (Continued)

Photo E – Light Inner Sidewall Abrasion

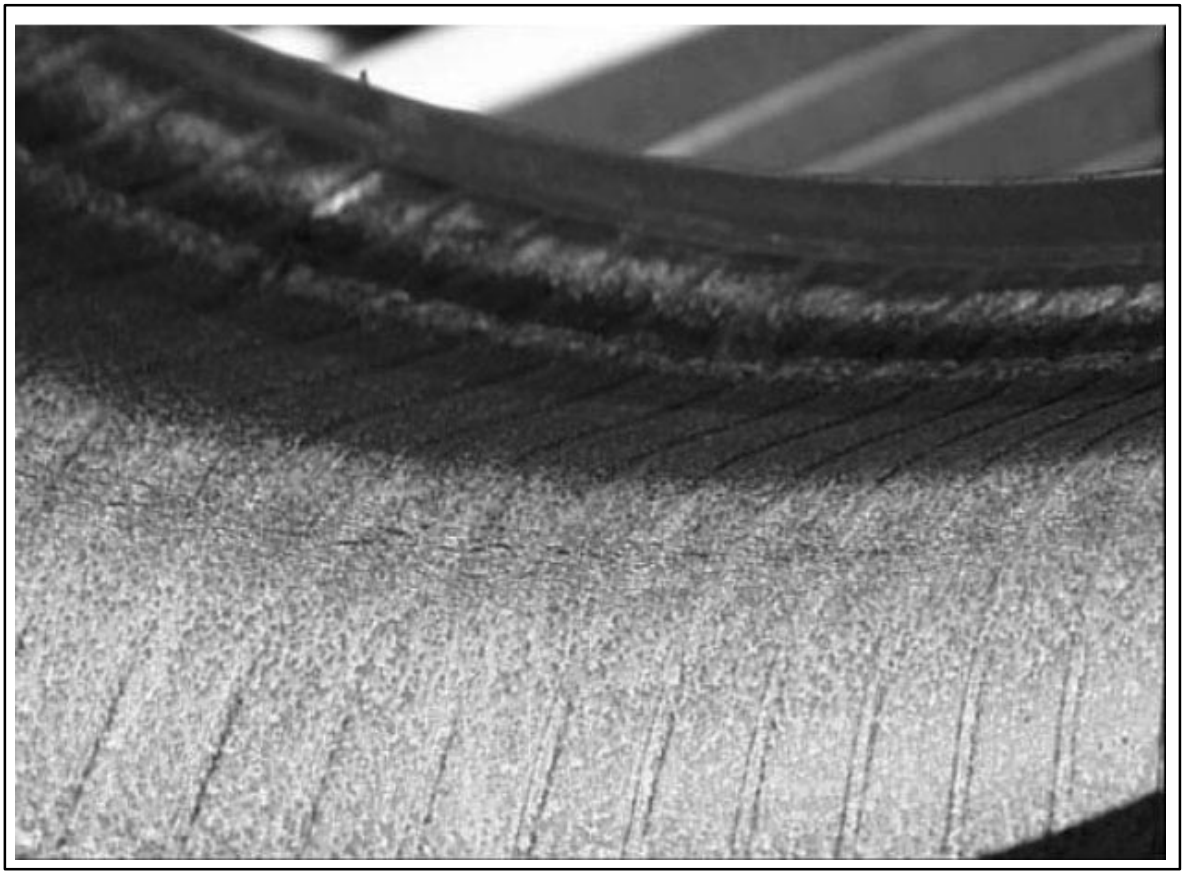
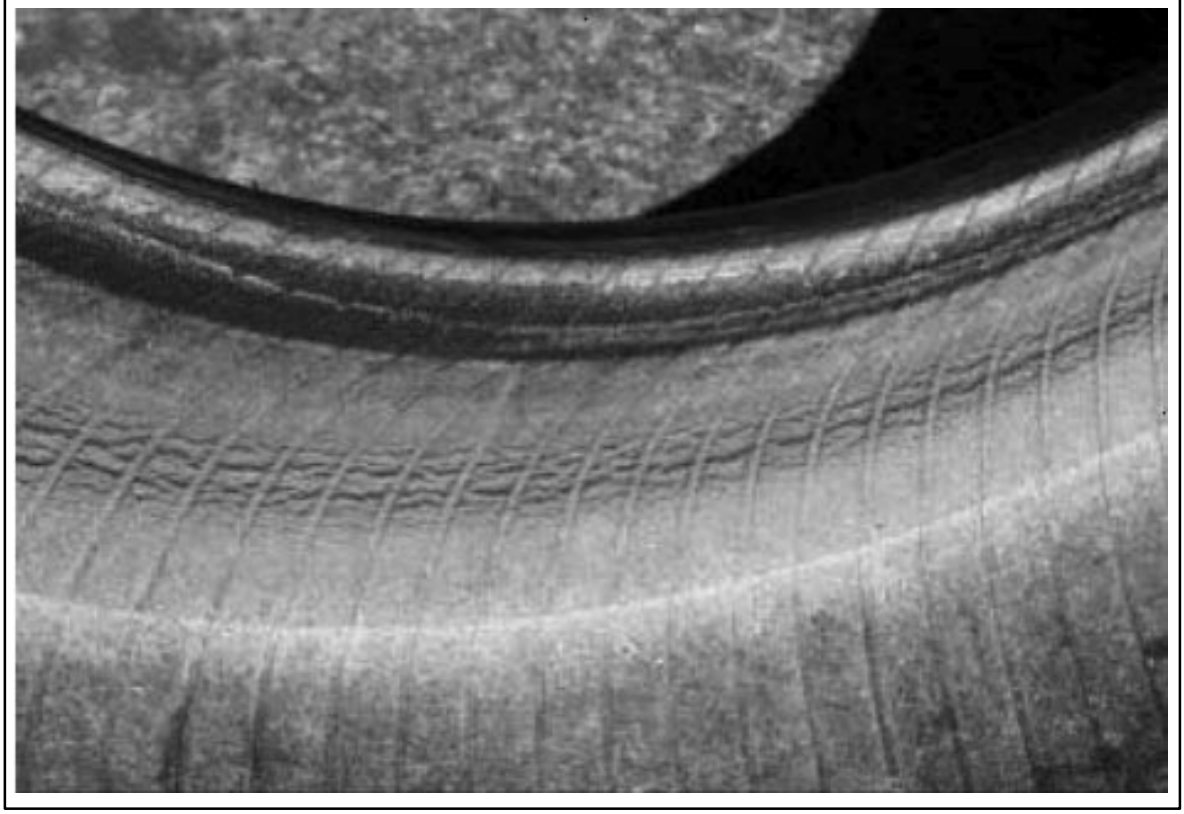


Photo F – Medium Inner Sidewall Abrasion



Unrepairable Tire Condition Photos (Continued)

Photo G – Heavy Inner Sidewall Abrasion