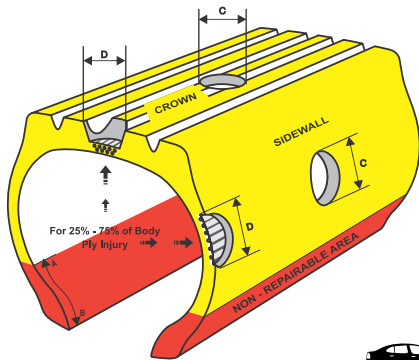


Soft Gum Bias Repair Chart



Legend	
A-B	Non-Repairable Area
C	Diameter of Injury
D	25% - 75% of Body ply Diameter of Injury

Repair Restriction	
Section Width	Non-Repairable Area (A-B)
Passenger Tyres	1 1/2" (40mm)
LT up to 7.50 (195mm)	3 1/4" (80mm)
8.25 (205mm) to 14.00 (355mm)	4" (100mm)

The above dimension are only guidelines.

TO DETERMINE SUITABLE REPAIR UNIT:

For proper repair unit selection, determine the size of the injury in the tyre by measuring largest cord area removed. Locate the correct injury size along the top row of the chart then locate the tyre's ply rating (load range) along the left column of the same chart. The repair unit size shown in the box where these intersect is the recommended repair unit to use.



Ply Rating / Load Range	Maximum Injury Size - C								
	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)	1/2" (15 mm)	3/4" (20 mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)
4 / B	RC55	RC55	RC80	BP03	BP03	BP03	BP04	BP05	-
6 / C	RC55	RC55	RC80	BP03	BP03	BP03	BP04	BP05	BP06
8 / D	RC55	RC80	RC80	BP03	BP03	BP04	BP04	BP05	BP06



Ply Rating / Load Range	Maximum Injury Size - C											
	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)	1/2" (15 mm)	3/4" (20 mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)	3" (75 mm)	4" (100 mm)	5" (125 mm)
8 / D	RC55	RC55	RC80	BP03	BP03	BP04	BP04	BP05	BP06	-	-	-
10 / E	RC55	RC80	RC80	BP03	BP03	BP04	BP05	BP06	BP06	BP07	BP08	-
12 / F	RC55	RC80	RC80	BP04	BP04	BP04	BP05	BP06	BP06	BP07	BP08	-
14 / G	RC55	RC80	BP03	BP04	BP04	BP05	BP06	BP06	BP07	BP07	BP08	BP10
16 / H	RC55	RC80	BP04	BP04	BP05	BP05	BP06	BP06	BP07	BP07	BP08	BP10
18 / J	RC55	RC80	BP04	BP05	BP05	BP06	BP06	BP07	BP08	BP08	BP09	BP10
20 / L	RC55	RC80	BP04	BP05	BP05	BP06	BP07	BP08	BP08	BP09	BP09	BP10



Ply Rating / Load Range	Maximum Injury Size - D										
	1/4" (6 mm)	3/8" (10 mm)	1/2" (15 mm)	3/4" (20 mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)	3" (75 mm)	4" (100 mm)	5" (125 mm)
8-12 / D-F	RC55	RC80	RC80	BP03	BP03	BP04	BP05	BP05	BP06	BP07	BP08
14-16 / G-H	RC80	BP03	BP03	BP03	BP04	BP05	BP05	BP06	BP06	BP07	BP08
18-20 / J-L	RC80	RC80	BP04	BP05	BP05	BP05	BP06	BP06	BP07	BP08	BP09

Injuries through 25%, but less than 75% of the body plies require both hole filling material and reinforced repair unit to be installed inside the tyre.

Repair Unit Name	Repair Unit Sizes		Ply Rating
	mm	Inches	
RC55	55	2-1/8	1
RC80	80	3-1/8	1
BP03	100	4	2
BP04	130	5-3/4	2
BP05	165	6-1/4	4

BP06	240	9-3/4	6
BP07	290	11-5/8	6
BP08	340	13-5/8	6
BP09	380	15-1/8	8
BP10	430	17	8

Note: Load, speed and highway application condition may affect section repairs. This selection repair chart is to be used only as a guide.

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