

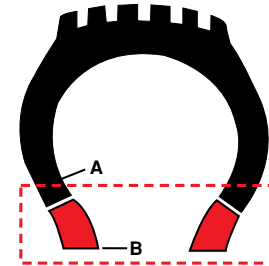


# GIANT TIRE INJURY APPLICATION CHART-BIAS

## Earthmover/Off-The-Road EM/OTR Bias Tire Repair Application



### BIAS TIRE



A-B NON-REPAIRABLE AREA

INJURY SIZE*†		TIRE PLY RATING											
Inches	mm	2-4	6-8	10-12	14-16	18-20	22-24	26-28	30-36	38-44	46-52	54-60	62+
1/2	13	4	4	4	4	4	6	6	6	6	6	6	8
1	25	4	6	6	6	6	6	6	6	6	8	8	10
1 1/2	38	4	6	6	6	6	6	8	8	8	8	8	10
2	51	4	6	6	8	8	8	8	8	8	10	10	12
2 1/2	64		6	6	8	8	8	10	10	10	12	12	14
3	76		6	8	10	10	10	10	10	12	14	14	14
4	102			8	10	10	10	12	12	12	14	14	16
5	127				10	10	12	12	12	14	16	16	16
6	152				12	12	12	14	14	16	16	18	18
7	178					12	14	14	16	16	18	18	18
8	203						14	16	18	18	18	18	18
9	229						16	16	18	18	20	20	20
10	254							18	18	20	20	20	20
11	279								20	20	20	20	20
12	305									20	20	20	20

\* For high speed, severe service, add length plus width of injury to determine "injury size".  
† Reinforced repairs – downsize one patch i.e. 2" injury on 18 ply rating tire.  
Section repair; 8, reinforced repair; 6.

### Butterfly Sidewall Bias Tire Repair Application

INJURY SIZE*†		TIRE PLY RATING		
Inches	mm	12-16	18-22	24-30
1-3	25-76	1	2	2
4	102	1	2	2
5	127	2	2	3
6	152	2	3	3
7	178		3	4
8	203		4	4
9	229		4	5
10	254		5	5
11	279			5
12	305			5

BIAS TIRE SIZE	Nonrepairable Bead Area/ "A-Area" Dimension
14.00 & smaller	4" (102mm)
16.00	5" (127mm)
18.00	5" (127mm)
21.00	6" (152mm)
24.00	
27.00	8" (203mm)
30.00	
33.00	
36.00	12" (305mm)
40.00	
15.5	4" (102mm)
17.5	
20.5	5" (127mm)
23.5	
26.5	6" (152mm)
27-56.5	
29.5	
30-56.5	
30/65	
33.25	
33.5	8" (203mm)
33-59.5	
35/65	
36-59.5	
37.25	
37.5	
39-59.5	
40/65	10" (254mm)
41.25/70	
45/65	
50/65	
53.5	
55.5	
58	
65/65	

**ATTENTION:**  
The repair unit selection charts are a guideline based on available industry information. O.E. Tire Manufacturers should be consulted for detailed repair limitations and information.

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