

Lotus offers Square-shaped (LOR-S) and Butterfly-shaped (LOR-B) repair patches for the reinforcement of Bias Ply Off-The-Road tires. They are constructed with special rubber compound and strong nylon fibers. They can repair injuries upto 300mm in OTR tires.

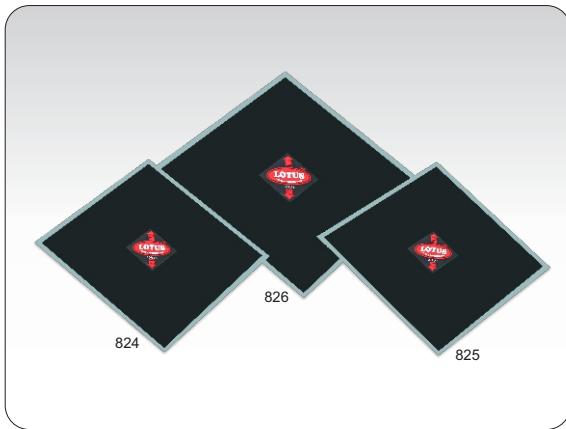
Lotus Butterfly OTR Repair Units are equipped with innovatively designed fabric layers which offer high strength in sidewall section repairs. Hence, they help in enhancing the life of the tires.

Lotus Square OTR Repair Units contain unique cross ply fabric layers to match the ply construction of Bias Ply OTR tires.

Injury specific Lotus OTR Repair Units can be made at special request.

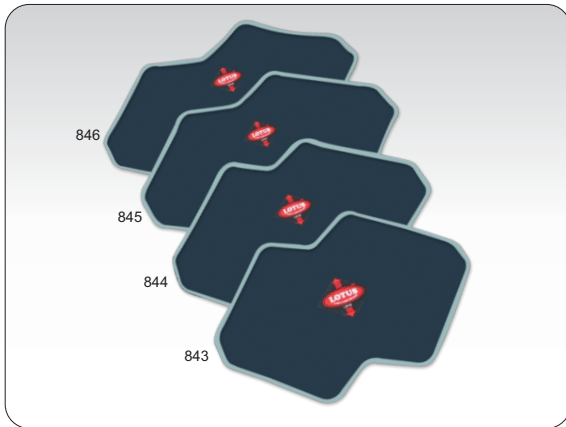
## SQUARE SHAPED REPAIRS

Product Code	Description	Size		Ply Rating	Box Quantity
		(inches)	(mm)		
821	LOR-S1	7 <sup>5</sup> / <sub>16</sub> " x 7 <sup>5</sup> / <sub>16</sub> "	186 x 186	3	5
822	LOR-S2	8 <sup>1</sup> / <sub>8</sub> " x 8 <sup>1</sup> / <sub>8</sub> "	206 x 206	4	5
823	LOR-S3	9 <sup>3</sup> / <sub>8</sub> " x 9 <sup>3</sup> / <sub>8</sub> "	238 x 238	4	5
824	LOR-S4	11 <sup>1</sup> / <sub>4</sub> " x 11 <sup>1</sup> / <sub>4</sub> "	286 x 286	6	5
825	LOR-S5	13 <sup>3</sup> / <sub>8</sub> " x 13 <sup>3</sup> / <sub>8</sub> "	340 x 340	6	3
826	LOR-S6	16" x 16"	405 x 405	8	3
827	LOR-S7	17 <sup>1</sup> / <sub>4</sub> " x 17 <sup>1</sup> / <sub>4</sub> "	438 x 438	8	3
828	LOR-S8	20" x 20"	506 x 506	10	2
829	LOR-S9	21 <sup>1</sup> / <sub>4</sub> " x 21 <sup>1</sup> / <sub>4</sub> "	540 x 540	10	2
830	LOR-S10	23 <sup>1</sup> / <sub>4</sub> " x 23 <sup>1</sup> / <sub>4</sub> "	590 x 590	10	2



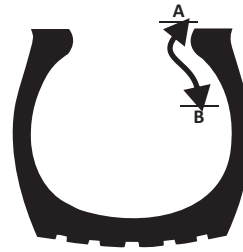
## BUTTERFLY SHAPED REPAIRS

Product Code	Description	Size		Ply Rating	Box Quantity
		(inches)	(mm)		
841	LOR-B1	11 <sup>3</sup> / <sub>8</sub> " x 11 <sup>3</sup> / <sub>8</sub> "	288 x 288	4	5
842	LOR-B2	12 <sup>1</sup> / <sub>8</sub> " x 12 <sup>1</sup> / <sub>8</sub> "	308 x 308	4	5
843	LOR-B3	13 <sup>5</sup> / <sub>8</sub> " x 13 <sup>5</sup> / <sub>8</sub> "	348 x 348	6	5
844	LOR-B4	17" x 17"	430 x 430	6	5
845	LOR-B5	20 <sup>1</sup> / <sub>2</sub> " x 20 <sup>1</sup> / <sub>2</sub> "	520 x 520	6	3
846	LOR-B6	22" x 22"	560 x 560	8	3
847	LOR-B7	23 <sup>1</sup> / <sub>2</sub> " x 23 <sup>1</sup> / <sub>2</sub> "	595 x 595	8	2
848	LOR-B8	24 <sup>3</sup> / <sub>8</sub> " x 24 <sup>3</sup> / <sub>8</sub> "	620 x 620	10	2
849	LOR-B9	26" x 26"	660 x 660	10	2



## HOW TO USE THIS CHART

- For proper repair unit selection, determine the size of the injury in the tire by measuring the largest cord area removed.
- Locate the correct injury size along the top row of this chart.
- Now locate the tire's ply rating/load range along the extreme left column of the same chart.
- The repair unit number in the square where these two intersect is the recommended repair unit to use.



### A-B NON-REPAIRABLE AREA

16.00 – 18.00 (20.5 – 23.5)	5", 125mm
26.00 – 27.00 (25.5 – 23.5)	6", 150mm
30.00 – 33.00 (37.25 – 37.5)	7", 175mm
36.00 and up	8", 200mm

*The above dimension are guidelines only*

## LOR (LOTUS OFF-THE-ROAD) BIAS REPAIR CHART

Injury Size in		PLY RATING								
		6-8	10-12	14-16	18-20	22-24	26-28	30-36	38-44	46+
inches	mm									
½"	15	1	1	1	2	2	2	2	2	2
1"	25	2	2	2	2	2	2	2	2	3
1½"	40	2	2	2	2	2	3	3	3	4
2"	50	2	2	3	3	3	3	3	3	4
2½"	65	2	2	3	3	3	4	4	4	5
3"	75	2	3	4	4	4	5	5	6	6
4"	100		3	4	4	5	5	6	6	7
5"	125			4	5	5	6	6	7	8
6"	150			5	5	6	7	7	8	8
7"	175				6	7	7	8	8	9
8"	200					7	8	9	9	10
9"	225					8	8	9	9	10

## TREAD INJURIES ONLY

11"	275						8	10	10	–
12"	300						9	10	10	–