Centech & Thermacure Radial Repair Chart

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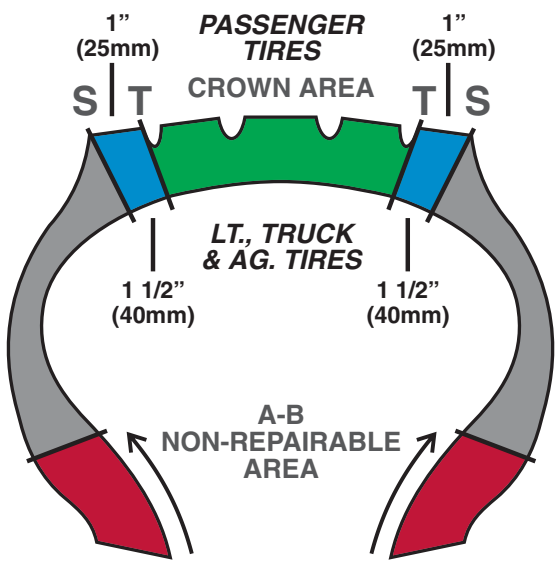
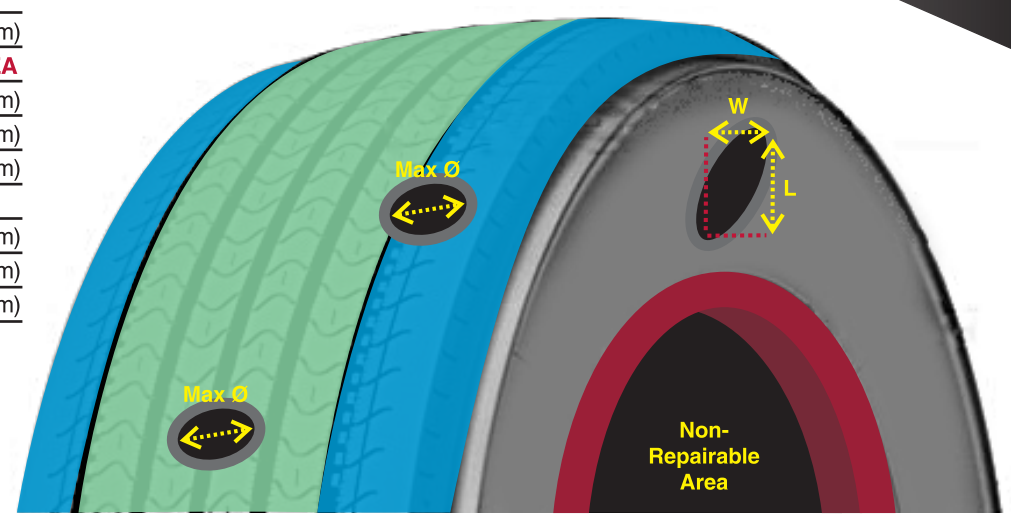


A-B NON-REPAIRABLE AREA	
Passenger Tires	1 1/2" (40mm)
TRUCK TIRE A-B NON REPAIRABLE AREA	
6.50-7.00 (165-195)	2 1/2" (65mm)
7.50-16.00 (205-385)	3" (75mm)
17.5-23.5 (425-600)	3 1/2" (90mm)
AG TIRE A-B NON REPAIRABLE AREA	
13.6-16.9 (345-430)	4" (100mm)
18.4-20.8 (465-530)	4 1/2" (115mm)
23.1 & Larger (585 & larger)	5 1/2" (140mm)



CENTECH RADIAL PASSENGER REPAIR CHART

Note: This section repair chart is a guideline only. Local regulations, load and speed can affect the limitations of section repairs. Injuries beyond the crown area and/or larger than 6mm (1/4") after preparation in passenger and some light truck tires should only be repaired in a full service repair facility.

CROWN AREA BEGINS 1" (25mm) IN FROM TREAD EDGE

Sidewall Injury Width	Sidewall Injury Length	Crown Injury Diameter	Through U Speed Rating	Speed Rated H, V, W, Y & Z, and Run Flat Tires
		1/4" (6mm)	10	10
1/4" (6mm)	1/2" (13mm)		10	
1/4" (6mm)	2" (50mm)		12	
		3/8" (10mm)	10HD	
3/8" (10mm)	3/8" (10mm)		10HD	
3/8" (10mm)	1 1/2" (40mm)		12HD	
3/8" (10mm)	2" (50mm)		14	
		1/2" (13mm)	12HD	
1/2" (13mm)	1 1/2" (40mm)		12HD	
1/2" (13mm)	2" (50mm)		14	
		3/4" (20mm)	12HD	
3/4" (20mm)	3/4" (20mm)		12HD	
3/4" (20mm)	1 1/2" (40mm)		12HD	
3/4" (20mm)	2" (50mm)		14	
		1" (25mm)	14	
1" (25mm)	1 1/2" (40mm)		14	
1" (25mm)	2" (50mm)		14	

TO MAINTAIN THEIR SPEED RATING, PASSENGER TIRES CARRYING A SPEED RATING OF H, V, W, Y OR Z SHOULD ONLY BE REPAIRED IN THE CROWN (T-T) AREA WITH A MAXIMUM SIZE OF 1/4" (6mm).

CENTECH RADIAL AG TIRE REPAIR CHART

CROWN AREA BEGINS 1 1/2" (40mm) IN FROM TREAD EDGE

Sidewall Injury Width	Sidewall Injury Length	Shoulder Injury	Crown Injury Diameter	Tractor Sizes 8-11 8.3-12.4	Tractor Sizes 12-15 13.6-23.5 440/65-600/65	Tractor Sizes 24.5-30.5 620/75-1050/50
1/4" (6mm)	1/4" (6mm)		3/8" (10mm)	12	12	20
3/8" (10mm)	3/8" (10mm)			12	12	20
3/8" (10mm)	1 1/2" (40mm)			20	20	22
3/8" (10mm)	5" (125mm)			26	26	26
		3/8" (10mm)		20	20	22
			3/4" (20mm)	20	20	22
3/4" (20mm)	3/4" (20mm)			20	20	22
3/4" (20mm)	3" (75mm)			22	80	80
		3/4" (20mm)		22	80	80
			1 1/2" (40mm)	80	82	82
1 1/2" (40mm)	4" (100mm)			80	82	82
		1 1/2" (40mm)		80	82	82
			2 3/4" (70mm)		82	84
2" (50mm)	3 1/4" (80mm)			80	82	84
		2" (50mm)		82	84	84
2 1/2" (65mm)	3" (75mm)			80	82	84
2 1/2" (65mm)	4" (100mm)				82	84
2 3/4" (70mm)	2 3/4" (70mm)			80	82	84
		2 3/4" (70mm)			86	86
			3 1/2" (90mm)		84	86
3 1/4" (80mm)	3 1/4" (80mm)				82	84
3 1/4" (80mm)	5 1/4" (130mm)				84	86
		3 1/2" (90mm)			88	90
3 1/2" (90mm)	4 1/2" (115mm)				84	86
3 1/2" (90mm)	7 1/8" (180mm)					88
			4" (100mm)		84	86
4" (100mm)	4" (100mm)				84	86
4" (100mm)	6 1/2" (165mm)				86	88
4" (100mm)	8" (200mm)				88	88
			5" (125mm)		86	88
5" (125mm)	5" (125mm)				86	88
5" (125mm)	10" (250mm)					90
5 1/2" (140mm)	6" (150mm)				88	90
6" (150mm)	8" (200mm)					90

NOTE: THIS SECTION REPAIR CHART IS A GUIDELINE ONLY. LOAD, SPEED AND HIGHWAY APPLICATION CAN AFFECT THE LIMITATIONS OF SECTION REPAIRS.

CENTECH RADIAL TRUCK TIRE REPAIR CHART

CROWN AREA BEGINS 1 1/2" (40mm) IN FROM TREAD EDGE

Tube-Type Tire Sizes | Tubeless Tire Sizes

Sidewall Injury Width	Sidewall Injury Length	Shoulder Injury Diameter (S-T Area)	Crown Injury Diameter (T-T Area)	Light Truck Through Load Range E 6.50-12.50 LT 215-285	Truck Tire Sizes Heavy Truck 7.50-10.00 8-11 235/80-275/80 225/75-295/75	Truck Tire Sizes Heavy Truck 11.00-14.00 12-16.5 295/80-315/80 305/75-445/65 425/50-495/45
			1/4" (6mm)	10 or 111	10HD or 111	10HD or 111
1/4" (6mm)	1/4" (6mm)			10	20	20
		1/4" (6mm)		22	24	26
			5/16" (8mm)	12 or 111	12HD or 111	12HD or 111
5/16" (8mm)	5/16" (8mm)			12	20	20
		5/16" (8mm)		22	24	26
			3/8" (10mm)	20 or 112	20 or 112	20 or 112
1 Cable	1 1/2" (40mm)			20	20	20
1 Cable	3 1/8" (80mm)			22	24	24
1 Cable	4 3/4" (120mm)				24	24
1 Cable	6" (150mm)				26	26
2 Cables	3/4" (20mm)			20	20	24
2 Cables	1 1/2" (40mm)			20	24	24
2 Cables	2 3/8" (60mm)			22	24	26
2 Cables	5 1/8" (130mm)				26	26
3/8" (10mm)	1 1/2" (40mm)			20	26	40
3/8" (10mm)	2 3/8" (60mm)			22	26	40
3/8" (10mm)	3 1/8" (80mm)			26	40	42
3/8" (10mm)	5 1/8" (130mm)				42	44
		3/8" (10mm)		24	26	26
			1/2" (13mm)	22	33 or 40	33 or 40
1/2" (13mm)	1 1/2" (40mm)			22	40	40
1/2" (13mm)	2 3/4" (70mm)			22	40	42
1/2" (13mm)	3 3/4" (95mm)			40	42	42
1/2" (13mm)	5 1/8" (130mm)				44	44
		1/2" (13mm)		40	40	40
			3/4" (20mm)	22	33 or 40	35 or 42
3/4" (20mm)	1" (25mm)			22	40	40
3/4" (20mm)	2 1/2" (65mm)			24	42	42
3/4" (20mm)	4 3/8" (110mm)				42	44
3/4" (20mm)	5 1/8" (130mm)				44	44
		3/4" (20mm)		40	42	42
			1" (25mm)	33 or 40	35 or 42	37 or 44
1" (25mm)	2" (50mm)			40	42	44
1" (25mm)	3 1/4" (80mm)				42	44
1" (25mm)	4" (100mm)				44	44
		1" (25mm)			44	44
			1 1/4" (32mm)		35 or 42	37 or 44
1 1/4" (32mm)	2" (50mm)				42	44
1 1/4" (32mm)	3 1/8" (80mm)				44	44
1 1/4" (32mm)	4" (100mm)					46

NOTE: THIS SECTION REPAIR CHART IS A GUIDELINE ONLY. LOAD, SPEED AND HIGHWAY APPLICATION CAN AFFECT THE LIMITATIONS OF SECTION REPAIRS.

REPAIR UNIT DIMENSIONS

Repair Unit	Inches	Millimeters
CT10	1.75 X 3	45 X 75
CT10HD	2.5 X 3.25	65 X 80
CT12	2.38 X 4.38	60 X 110
CT12HD	2.75 X 4.6	70 X 115
CT20	3 X 5	75 X 125
CT22	3 X 6.5	75 X 165
CT24	3 X 8.5	75 X 215
CT26	3 X 10	75 X 250
CT33	4 X 5	100 X 125
CT35	5 X 6	125 X 150
CT37	5 X 6.75	125 X 170
CT40	4 X 8	100 X 200
CT42	5 X 10	125 X 250
CT44	5 X 13	125 X 330
CT46	5.5 X 16	140 X 405

REPAIR UNITS SHOWN BOXED IN GREEN ARE LIMITED TO THE CROWN (T-T) AREA ONLY.

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