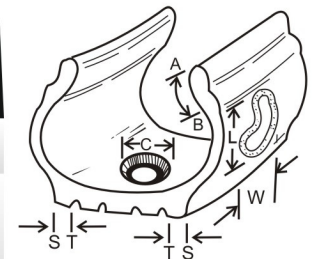


# OFF ROAD RADIAL REPAIR CHART



Sidewall Injury		Shoulder Injury	Earthmover Tire Sizes				Crown Injury
Width	Length		14.00-16.00	18.00-21.00	24.00-30.00	33.00-40.00	
Inches (mm)	Inches (mm)	Inches (mm)	15.5-20.5	23.5-26.5	29.5-37.5	48/95-59/80	Inches (mm)
			20/65-30/65	35/65	40/65-45/65	50/65-65/65	
3/8" (10mm)	3" (75mm)	-	42	42	42	44	3/8" (10mm)
3/8" (10mm)	4 3/4" (110mm)	-	42	42	44	44	
3/4" (20mm)	2" (50mm)		45	45	45	45	
3/4" (20mm)	5 1/2" (140mm)		42	44	44	50	
3/4" (20mm)	8" (200mm)		46	46	46	50	3/4" (20mm)
		3/4" (20mm)	46	50	50	50	
			46	46	50	52	
1" (25mm)	5" (125mm)		45	45	45	45	
1" (25mm)	8" (200mm)		46	46	46	50	1" (25mm)
		1" (25mm)	50	50	50	52	
			46	50	52	52	
1 1/4" (30mm)	4" (100mm)		46	50	50	50	
1 1/4" (30mm)	10" (250mm)		50	50	52	56	
			45	45	55	55	
1 1/2" (40mm)	3 1/2" (90mm)		46	52	52	52	1 1/2" (40mm)
1 1/2" (40mm)	10" (250mm)		50	50	52	56	
1 1/2" (40mm)	14" (350mm)		56	56	56	60	
1 1/2" (40mm)	16" (400mm)			60	60	60	
		1 1/2" (40mm)	50	50	52	56	
1 3/4" (45mm)	6 1/2" (165mm)		50	50	50	52	
1 3/4" (45mm)	10" (250mm)		52	52	52	56	
1 3/4" (45mm)	14" (350mm)			56	56	60	
1 3/4" (45mm)	16" (400mm)			60	60	60	
			55	55	55	65	
2" (50mm)	7" (175mm)		50	50	50	52	2" (50mm)
2" (50mm)	10" (250mm)		52	52	52	56	
2" (50mm)	14" (350mm)			56	56	60	
2" (50mm)	16" (400mm)			60	60	60	
2" (50mm)	19" (475mm)			60	60	60	
		2" (50mm)	50	52	56	56	
			55	65	65	65	
2 3/4" (70mm)	8" (200mm)		52	52	52	56	2 3/4" (70mm)
2 3/4" (70mm)	10" (250mm)			56	56	60	
2 3/4" (70mm)	13 1/2" (340mm)			60	60	60	
		2 1/2" (65mm)	56	56	72	72	
		2 3/4" (70mm)		72	72	72	
			52	52	56	56	
3 1/2" (90mm)	7" (175mm)			52	56	56	
3 1/2" (90mm)	8" (200mm)			52	56	72	
3 1/2" (90mm)	10" (250mm)			56	56	72	
3 1/2" (90mm)	12 1/2" (315mm)	3 1/2" (90mm)		56	60	60	3 1/2" (90mm)
4" (100mm)	5 1/2" (140mm)		52	52	52	56	
4" (100mm)	7 1/2" (190mm)			56	56	72	
4" (100mm)	10 1/2" (265mm)			60	60	60	
4 3/8" (110mm)	5" (125mm)		52	52	56	56	
4 3/8" (110mm)	7" (175mm)			56	72	72	
4 3/8" (110mm)	10" (250mm)			60	60	60	
4 3/4" (120mm)	4 1/2" (115mm)		52	52	56	56	5" (125mm)
4 3/4" (120mm)	6" (150mm)			56	60	60	
4 3/4" (120mm)	9" (225mm)			60	60	60	
				75	75	75	
5" (125mm)	4" (100mm)			72	72	72	
5" (125mm)	5" (125mm)			72	72	72	
5" (125mm)	7" (175mm)			72	72	72	
6" (150mm)	3" (75mm)			72	72	72	
6" (150mm)	5 1/2" (140mm)			72	72	72	6 1/2" (165mm)
					85	85	
6 1/2" (165mm)	5" (125mm)			72	72	72	



- A-B - Non-Repairable Area
- C - Maximum Diameter of damaged radial Cables
- W - Width of Injury
- L - Length of Injury
- S-T - Shoulder Area
- T-T - Crown Area

### DETERMINING CROWN INJURY REPAIR AREA (T-T AREA)

Centech Radial/OTR Non-repairable Area

14.00-16.00 (15.5-17.5)	3"	75mm
18.00-24.00 (20.5-29.5)	5"	125mm
27.00-33.00 (33.25-37.5)	6"	150mm
40/65-50/65 (40.5)	6 3/4"	170mm
36.00	8"	200mm
37.00-40.00 (50.5 & larger)	10"	255mm

Radial/OTR Crown Dimensions (T-T Area)

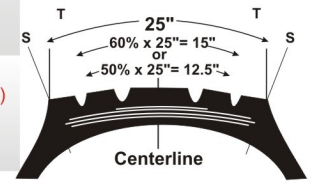
Crown is defined as 50% of tread face for standard aspect ratio tire sizes and 60% of tread face for wide base sizes. All measurements are taken on the outside surface of the tire.

Standard Aspect Tire Size Example: (24.00 R35)

If the tread face measures 24" (610mm) wide, 50% of that is 12" (300mm) - the crown area measurement, or 6" (150mm) on each side of the tread centerline. This is where the injury must be located to be considered as a crown area repair.

Wide Base Tire Size Example: (29.5 R29)

If the tread face measures 25" (635mm) wide, 60% of that is 15" (375mm) - the crown area measurement, or 7.5" (190mm) on each side of the tread centerline. This is where the injury must be located to be considered as a crown area repair.



Repair Units Shown **Boxed In Red** Are Limited To Crown (T-T) Area Only. All Others Shown In **Red** May Be Used For Crown Or Sidewall Injuries.  
 Note: This Section Repair Chart Is A Guideline Only. Load, Speed And Highway Application Can Affect The Limitations Of Section Repairs.