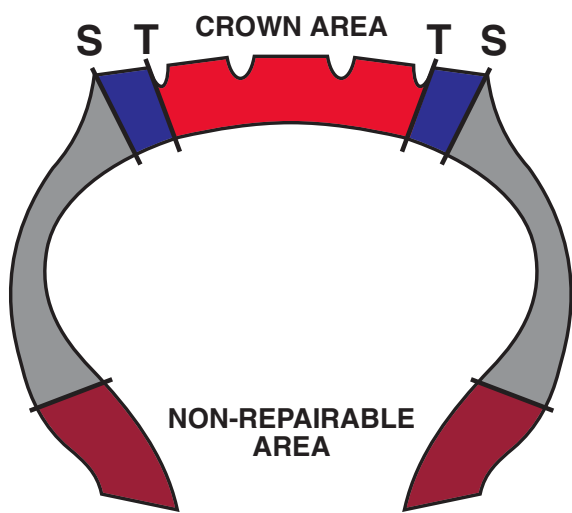
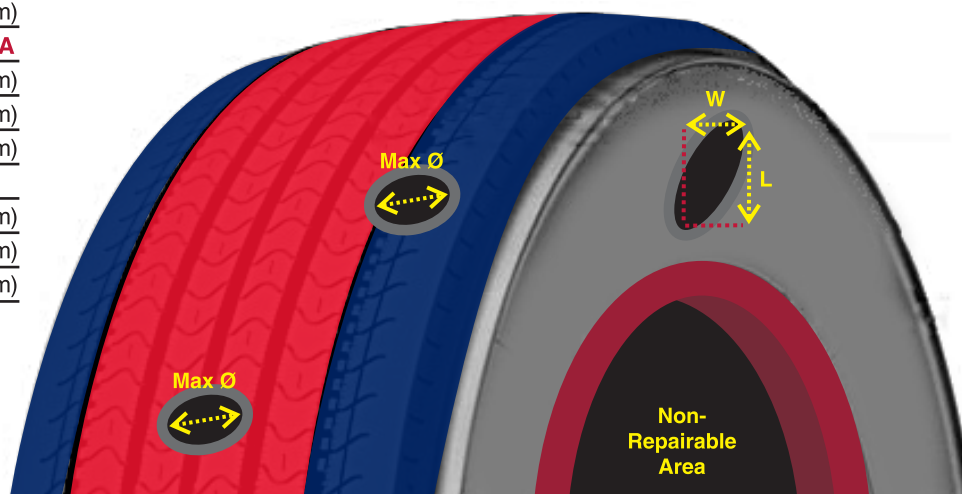


MSX Radial Repair Chart



A-B NON-REPAIRABLE AREA	
Passenger & Light Truck 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)



MSX Radial Truck Tire Repair Chart



Tube-Type Tire Sizes █ Tubeless Tire Sizes █

Sidewall Injury 	Shoulder Injury Diameter (S-T Area) 	Truck Tire Sizes			Crown Injury Diameter (T-T Area)
		Light Truck	Heavy Truck		
		6.50-12.50 LT 215-285	7.50-10.00 8-11 235/80-275/80 245/75-295/75	11.00-14.00 12-16.5 295/80-315/80 305/75-445/65 425/50-495/45	
Width	Length				
1/4" (6mm)	1/4" (6mm)	10	10, 20	10, 20	1/4" (6mm)
5/16" (8mm)	5/16" (8mm)	12	12, 20	12, 20	5/16" (8mm)
1 Cable	1 1/2" (40mm)	20	20	20	3/8" (10mm)
1 Cable	3 1/8" (80mm)	22	22	22	
1 Cable	4 3/4" (120mm)	22	24	24	
1 Cable	6" (150mm)	22	26	26	
2 Cables	3/4" (20mm)	20	20	22	
2 Cables	1 1/2" (40mm)	20	22	24	
2 Cables	2 3/8" (60mm)	22	24	26	
2 Cables	5 1/8" (130mm)	22	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)	26	42	44	
	3/8" (10mm)	24	24	26	1/2" (13mm)
1/2" (13mm)	1 1/2" (40mm)	22	25	25	
1/2" (13mm)	2 3/4" (70mm)	22	40	40	
1/2" (13mm)	3 3/4" (95mm)	40	40	42	
1/2" (13mm)	5 1/8" (130mm)	40	42	44	
	1/2" (13mm)	40	40	40	3/4" (20mm)
3/4" (20mm)	1" (25mm)	22	25	35	
3/4" (20mm)	2 1/2" (65mm)	24	40	40	
3/4" (20mm)	4 3/8" (110mm)	42	42	44	
3/4" (20mm)	5 1/8" (130mm)	44	44	44	
	3/4" (20mm)	40	42	42	1" (25mm)
1" (25mm)	2" (50mm)	25	35	37	
1" (25mm)	3 1/4" (80mm)	40	42	44	
1" (25mm)	4" (100mm)	44	44	44	
	1" (25mm)	44	44	44	1 1/4" (32mm)
1 1/4" (32mm)	2" (50mm)	35	37	37	
1 1/4" (32mm)	3 1/8" (80mm)	42	44	44	
1 1/4" (32mm)	4" (100mm)	44	44	46	

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.

MSX Radial Passenger Repair Chart



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

REPAIR UNITS SHOWN IN RED MAY BE USED FOR CROWN OR SIDEWALL INJURIES. 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).

MSX Radial AG Tire Repair Chart



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

REPAIR UNITS SHOWN IN RED MAY BE USED FOR CROWN OR SIDEWALL INJURIES.
NOTE: THIS SECTION REPAIR CHART IS A GUIDELINE ONLY. INCREASE REPAIR UNIT BY ONE (1) SIZE FOR TIRES USED IN SEVERE APPLICATIONS SUCH AS HAULAGE TRUCKS & SCRAPERS. LOAD, SPEED AND HIGHWAY APPLICATION CAN AFFECT THE LIMITATIONS OF SECTION REPAIRS.

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