

# 2021 TRUCK TIRE DATA GUIDE



**GENERAL TIRE**

GENERAL TIRE. SINCE 1915

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# TOUGH. TRUSTED. ANYWHERE.

## FOR MORE THAN 100 YEARS

General Tire offers robust and reliable truck tires that cover Highway, Regional, Urban and On/Off-Road applications for commercial vehicles. Whatever your application, you can trust General Tire to have your back.

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# GENERAL APPLICATION GUIDE



Long Distance Hauls  
Many Miles to Removal  
Fuel Efficient  
Comfortable Ride



Long & Short Distance Hauls  
Great Handling  
Durable Tread Compounds  
Long Lifetimes



Short Distance Hauls  
Excellent Traction  
Tough Casing  
Construction Service

AXLE	HIGHWAY	REGIONAL/URBAN	ON/OFF-ROAD
STEER/ALL POSITION*	 GENERAL HS	  GENERAL RA      GENERAL WT	  GRABBER OA      GRABBER OA (WIDE BASE)
DRIVE POSITION	 GENERAL HD	 GENERAL RD	 GRABBER OD
TRAILER POSITION	 GENERAL HT	 GENERAL ST250 LP	<p>*Tires in the Steer axle position are also suitable for trailing axles on trucks and as all-position fitment where traction is not of paramount importance.</p>

WHETHER YOUR OPERATION IS HIGHWAY, REGIONAL,  
URBAN OR ON/OFF-ROAD, YOU CAN TRUST GENERAL  
TIRE TO DELIVER **COMMERCIAL TRUCK TIRES THAT**  
**WORK AS HARD AS YOU DO.**



# GENERAL AVAILABILITY


## MEDIUM RADIAL TRUCK TIRES Load Range - Tread Depths (32<sup>nds</sup>)

TIRE SIZE	GENERAL HS	GENERAL HD	GENERAL HT	GENERAL RA	GENERAL RD	GENERAL ST250 LP	GENERAL WT	GRABBER OA	GRABBER OA (WIDE BASE)	GRABBER OD
CONVENTIONAL										
11R22.5	H - 18	G/H - 30	G - 13	H - 20	G/H - 28			H - 23		H - 30
11R24.5	H - 18	G/H - 30	G - 13	H - 20	G/H - 28			H - 23		H - 30
LOW PROFILE										
255/70R22.5			H - 18			H - 16				
295/75R22.5	H - 18	G - 30	G - 13	H - 20	G - 28					
315/80R22.5							L - 26	L - 24		
285/75R24.5	H - 18	G - 30	G - 13	H - 20	G - 28					
SUPER SINGLE										
385/65R22.5									L - 21	
425/65R22.5									L - 21	
445/65R22.5									L - 21	

All tires are tubeless except where noted. See Pg. 22 For load range/ply rating equivalency table.

# GENERAL COMPARISON

## TRUCK TIRE COMPARISON CHART

GENERAL TIRE 	FIRESTONE	YOKOHAMA	BF GOODRICH
GENERAL HS	FS591	101ZL	Highway Control S
GENERAL HD	FD691	TY517	DR454
GENERAL HT	FT492	Bluearth 109L	Highway Control T
GENERAL RA	FS561	104ZR	Route Control S
GENERAL RD	FD711	715R	Route Control D
GENERAL ST250 LP	FS560 Plus	RY023	ST230
GENERAL WT	FS860	MY627W	Cross Control S
GRABBER OA	FS820	504C	Cross Control S
GRABBER OA (WIDE BASE)	FS818	MY507A	Cross Control S
GRABBER OD	T831	LY053	Cross Control D





# **SMARTWAY** **VERIFIED**

**REDUCING TRANSPORTATION  
EMISSIONS AND IMPROVING  
SUPPLY CHAIN FUEL EFFICIENCY**



**FUEL SAVINGS**



**CLEANER AIR**



**COST SAVINGS**



**ENVIRONMENTALLY FRIENDLY**



## VERIFIED LOW-ROLLING RESISTANCE TIRE PRODUCTS

The EPA has determined that certain tire product models and technologies can reduce NOx emissions and fuel use by 3 percent or more, relative to the best-selling products for line haul class 8 tractor trailers. These improvements are achieved under the following conditions:

- ▶ Tires are used in the correct axle positions.
- ▶ Verified low rolling resistance tires are installed on all of the axle positions of the tractor and trailer.
- ▶ All tires must be properly inflated according to the manufacturer's specifications.

The following low-rolling resistance tires are SmartWay verified when used on class 8, line-haul tractor trailers:



**GENERAL HS**  
HIGHWAY STEER



**GENERAL HD**  
HIGHWAY DRIVE



**GENERAL HT**  
HIGHWAY TRAILER



**GENERAL RA**  
REGIONAL ALL-POSITION



**GENERAL ST250 LP**  
REGIONAL TRAILER

For more information on SmartWay or to review the list of SmartWay verified low rolling resistance tires and retread technologies, visit [www.epa.gov/smartway](http://www.epa.gov/smartway). More tires and retreads may currently be verified by SmartWay, always review the SmartWay website for current information.







# HIGHWAY

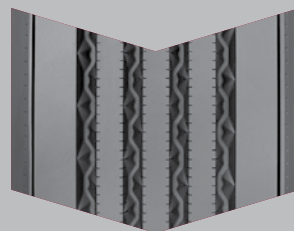
» Long Distance Hauls » Many Miles to Removal » Fuel-Efficient » Comfortable Ride



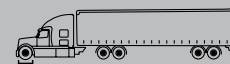


# GENERAL HS

LONG HAUL, HIGHWAY STEER POSITION



Smartway Verified



## FEATURES & BENEFITS

- 5-rib tread pattern promotes even wear and high removal mileage.
- Advanced pyramid-shaped stone ejection system prevents stone retention.
- Low rolling resistance compound delivers high level of fuel efficiency.
- Optimized footprint distribution contributes to even wear and higher removal mileage.
- Enhanced bead to belt package increases casing durability for maximum retreadability.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, kPa)	Dual Max. Load @ Inflation LB PSI (KG, kPa)
11R22.5	H	05111220000	18	75	19.4 (493)	41.3 (1049)	11.0 (279)	12.2 (310)	8.25, 7.50	12.5 (318)	500 (311)	116 (53)	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
295/75R22.5	H	05111250000	18	75	18.7 (475)	40.1 (1019)	11.0 (279)	12.2 (310)	8.25, 9.00	12.5 (318)	516 (321)	106 (51)	6940 / 120 (3150 / 830)	6175 / 120 (2800 / 830)
11R24.5	H	05111230000	18	75	20.4 (518)	43.4 (1102)	11.0 (279)	12.2 (310)	8.25, 7.50	12.5 (318)	477 (296)	122 (56)	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
285/75R24.5	H	05111240000	18	75	19.3 (490)	41.3 (1050)	11.2 (285)	12.0 (305)	8.25	12.5 (318)	501 (311)	112 (51)	6780 / 120 (3075 / 830)	6175 / 120 (2800 / 830)

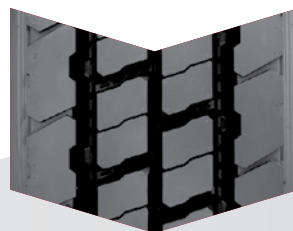
TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.

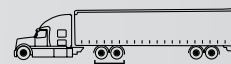


# GENERAL HD

LONG/SHORT HAUL, HIGHWAY TANDEM  
DRIVE AXLE



Smartway Verified



## FEATURES & BENEFITS

- ▶ Closed shoulder tread design delivers high mileage and optimal fuel economy.
- ▶ Deep 30/32" intermediate blocks deliver sustained traction in demanding applications.
- ▶ Improved bead design for better casing durability and retreadability.
- ▶ Stone ejection system reduces stone retention.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, KPa)	Dual Max. Load @ Inflation LB PSI (KG, KPa)
11R22.5	G	05210950000 #05651630000#	30	75	19.6 (498)	42.0 (1067)	11.1 (282)	12.1 (307)	8.25, 7.50	12.5 (318)	493 (306)	122 (55)	6175 / 105 (2800 / 720)	5840 / 105 (2650 / 720)
11R22.5	H	05210960000	30	75	19.6 (498)	42.0 (1067)	11.1 (282)	12.1 (307)	8.25, 7.50	12.5 (318)	493 (306)	123 (56)	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
295/75R22.5	G	05211000000	30	75	18.9 (481)	40.7 (1034)	11.0 (279)	12.0 (304)	8.25, 9.00	12.5 (318)	509 (316)	115 (52)	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)
11R24.5	G	05210970000 #05651910000#	30	75	20.6 (523)	44.0 (1118)	11.1 (282)	12.1 (307)	8.25, 7.50	12.5 (318)	470 (292)	129 (58)	6610 / 105 (3000 / 720)	6005 / 105 (2725 / 720)
11R24.5	H	05210980000	30	75	20.6 (523)	44.0 (1118)	11.1 (282)	12.1 (307)	8.25, 7.50	12.5 (318)	470 (292)	132 (60)	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
285/75R24.5	G	05210990000	30	75	19.6 (498)	42.0 (1067)	10.7 (272)	12.1 (307)	8.25	12.5 (318)	493 (306)	119 (54)	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

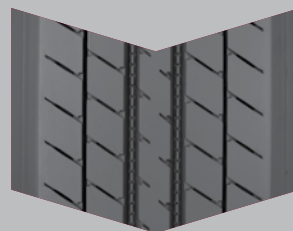
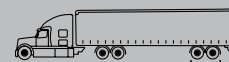
Note - Rim listed first is the measuring rim. # = Intelligent Tire. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# GENERAL HT

## LONG HAUL, HIGHWAY TRAILER AXLE

**Smartway Verified**

## FEATURES & BENEFITS

- ▶ Tread design provides proven fuel economy and performance in a demanding application.
- ▶ Wider casing allows for industry standard 220mm retread.
- ▶ Patented innovative groove technology leads to minimum stone retention, extending casing life.
- ▶ Scruff ribs protect sidewall from curbing and cutting.
- ▶ 13/32" tread depth minimizes tread squirm and irregular wear.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, kPa)	Dual Max. Load @ Inflation LB PSI (KG, kPa)
11R22.5	G	05310400000 # 05650990000 #	13	75	19.3 (490)	41.1 (1044)	11.1 (282)	12.2 (310)	8.25, 7.50	12.5 (318)	504 (313)	105 (48)	6175 / 105 (2800 / 720)	5840 / 105 (2650 / 720)
255/70R22.5*	H	05310420000 # 05650860000 #	18	75	17.1 (434)	36.6 (929)	9.9 (251)	10.8 (274)	7.50, 8.25	11.3 (287)	566 (352)	91 (41)	5510 / 120 (2500 / 830)	5070 / 120 (2300 / 830)
295/75R22.5	G	05310440000 # 05650920000 #	13	75	18.5 (470)	39.8 (1011)	10.9 (277)	12.0 (305)	8.25, 7.50	12.5 (318)	520 (323)	100 (45)	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)
11R24.5	G	05310410000 # 05651030000 #	13	75	20.2 (513)	43.0 (1092)	11.1 (282)	12.2 (310)	8.25, 7.50	12.5 (318)	481 (299)	113 (51)	6610 / 105 (3000 / 720)	6005 / 105 (2725 / 720)
285/75R24.5	G	05310430000	13	75	19.1 (485)	41.1 (1041)	10.9 (277)	12.0 (305)	8.25	12.5 (318)	505 (314)	106 (48)	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. # = Intelligent Tire. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# REGIONAL/URBAN

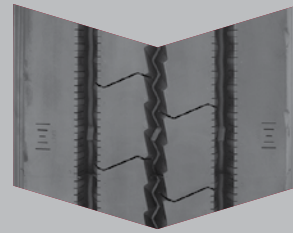
► Long & Short Distance Hauls ► Great Handling ► Durable Tread Compounds ► Long Lifetimes



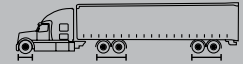


# GENERAL RA

ALL-POSITION SERVICE IN REGIONAL HAULING,  
PICK-UP & DELIVERY, AND ON/OFF HIGHWAY



Smartway Verified



## FEATURES & BENEFITS

- ▶ A hard-working regional, all-position tire featuring high removal mileage and even, reliable wear.
- ▶ Tread compounding provides resistance to abrasion, cutting and chipping in demanding regional applications.
- ▶ The General RA will deliver performance that lowers costs for your business and gives drivers confidence in demanding applications.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, KPa)	Dual Max. Load @ Inflation LB PSI (KG, KPa)
11R22.5	H	05122920000 #05650950000#	20	75	19.3 (490)	41.4 (1052)	11.1 (281)	11.9 (302)	8.25, 7.50	12.5 (318)	500 (311)	114 (52)	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
295/75R22.5	H	05122910000 #05651120000#	20	75	18.6 (472)	40.1 (1019)	11.0 (279)	12.5 (318)	8.25, 9.00	12.5 (318)	516 (321)	109 (49)	6940 / 120 (3150 / 830)	6175 / 120 (2800 / 830)
11R24.5	H	05122930000 #05651130000#	20	75	20.3 (516)	43.4 (1103)	11.1 (281)	11.9 (302)	8.25, 7.50	12.5 (318)	477 (296)	123 (56)	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
285/75R24.5	H	05122940000	20	75	19.3 (490)	41.3 (1049)	10.8 (274)	12.0 (305)	8.25	12.5 (318)	501 (311)	114 (52)	6780 / 120 (3075 / 830)	6175 / 120 (2800 / 830)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

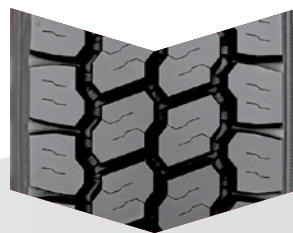
Note - Rim listed first is the measuring rim. ## = Intelligent Tire. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# GENERAL RD

LONG/SHORT HAUL, HIGHWAY SINGLE/TANDEM  
DRIVE AXLE



## FEATURES & BENEFITS

- ▶ An open shoulder drive tire that gives long life over short or long hauls with great traction.
- ▶ Innovative lug angle provides outstanding traction throughout the life of the tread.
- ▶ Tread design provides excellent wet/dry traction, resists irregular wear and reduces stone retention.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight Lb (KG)	Single Max. Load @ Inflation Lb PSI (KG, KPa)	Dual Max. Load @ Inflation Lb PSI (KG, KPa)
11R22.5*	G	05211030000 #05653170000 #	28	75	19.5 (495)	41.8 (1062)	11.3 (287)	12.1 (307)	8.25	12.5 (318)	495 (308)	120 (54)	6175 / 105 (2800 / 720)	5840 / 105 (2650 / 720)
11R22.5*	H	05211040000 #05653180000 #	28	75	19.5 (495)	41.8 (1062)	11.3 (287)	12.1 (307)	8.25	12.5 (318)	495 (308)	122 (55)	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
295/75R22.5*	G	05211080000	28	75	18.9 (480)	40.8 (1036)	11.0 (279)	12.2 (310)	8.25	12.5 (318)	508 (315)	114 (52)	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)
11R24.5	G	05211050000 #05653190000 #	28	75	20.6 (523)	43.8 (1113)	11.3 (287)	12.2 (310)	8.25	12.5 (318)	473 (294)	128 (58)	6610 / 105 (3000 / 720)	6005 / 105 (2725 / 720)
11R24.5	H	05211060000 #05653200000 #	28	75	20.6 (523)	43.8 (1113)	11.3 (287)	12.2 (310)	8.25	12.5 (318)	473 (294)	131 (59)	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
285/75R24.5	G	05211070000	28	75	19.6 (498)	42.0 (1066)	10.7 (273)	12.1 (307)	8.25	12.5 (318)	493 (306)	118 (53)	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

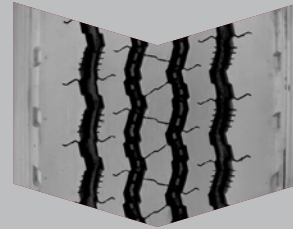
Note - Rim listed first is the measuring rim. # = Intelligent Tire. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.



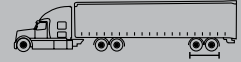


# GENERAL ST250 LP

LONG HAUL AND REGIONAL HAUL, ON/OFF  
HIGHWAY, LOW PLATFORM TRAILER AXLE



Smartway Verified



## FEATURES & BENEFITS

- Unique see through grooves provide water evacuation so you can count on this low profile trailer tire for its wet traction capabilities.
- Patented stone ejection system reduces stone retention and casing penetrations.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, KPa)	Dual Max. Load @ Inflation LB PSI (KG, KPa)
255/70R22.5	H	05681130000	16	75	16.9 (429)	36.5 (927)	9.8 (249)	11.0 (279)	8.25, 7.50	11.3 (287)	567 (352)	88 (40)	5510 / 120 (2500 / 830)	5070 / 120 (2300 / 830)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

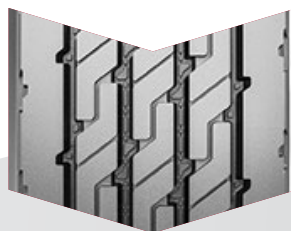
Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# GENERAL WT

WASTE TRANSPORTATION AND OTHER  
HIGH SCRUB, URBAN APPLICATIONS



## FEATURES & BENEFITS

- ▶ Advanced tread compound balances cut and tear resistance with optimized mileage specifically for the waste transport industry.
- ▶ Bead construction engineered to withstand high brake temperatures, providing structural durability and extended product life.
- ▶ Innovative groove technology leads to minimum stone retention, extending casing life.

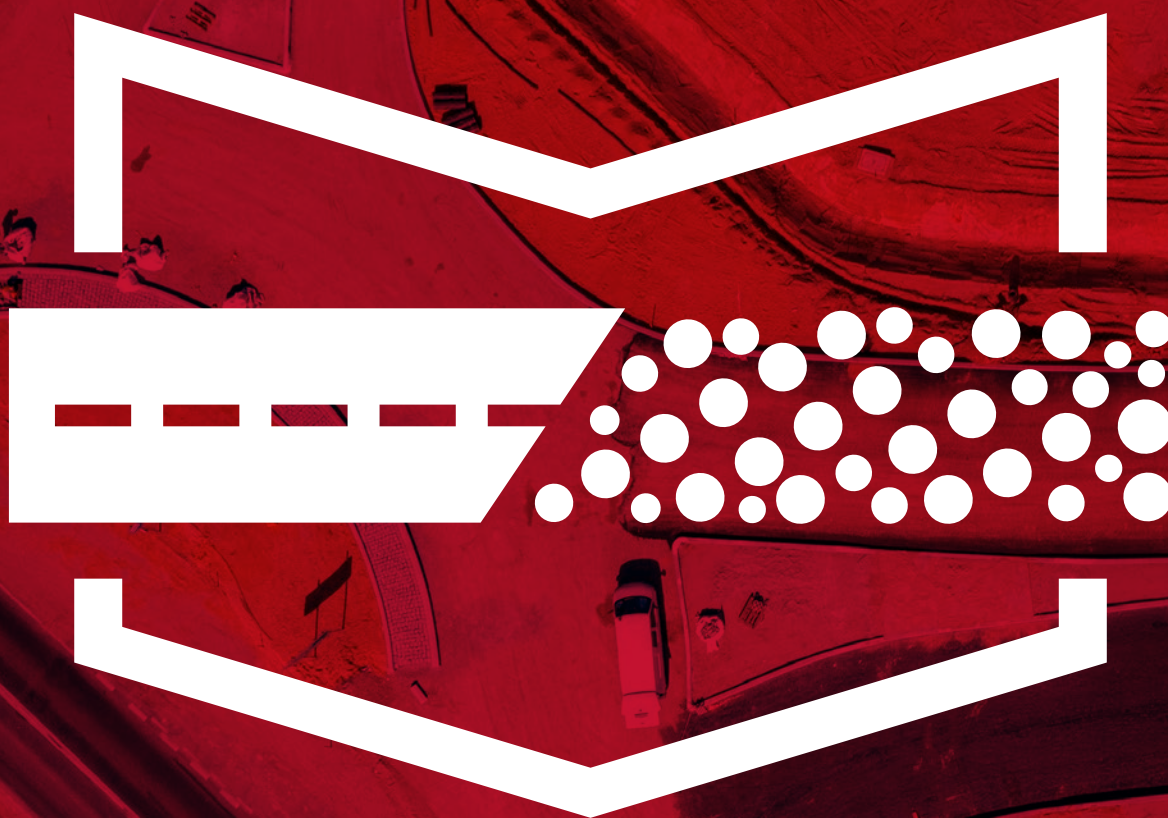
## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, KPa)	Dual Max. Load @ Inflation LB PSI (KG, KPa)
315/80R22.5	L	05321170000 *05650840000*	26	68	20.1 (510)	43.0 (1093)	12.5 (316)	13.6 (345)	9.00	13.8 (351)	481 (299)	163 (74)	10,000 / 130 (4540 / 900)	9090 / 130 (4125 / 900)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. \*\* = Intelligent Tire. Minimum Dual Spacing calculated without chains. \* - ECE Certified # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. 315/80R22.5 tires used on 8.25" rims are restricted to a maximum of 7610 lbs at 120 psi. Continental Tire the Americas, LLC reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer. When used on an 8.25" rim, the maximum load and pressure is lower than that indicated on the sidewall.





**ON/OFF-ROAD**

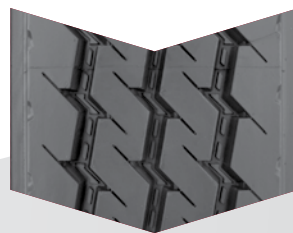
» Short Distance Hauls » Excellent Traction » Tough Casing » Construction Service





# GRABBER OA

CONSTRUCTION SERVICE, ON/OFF HIGHWAY,  
ALL-POSITION



## FEATURES & BENEFITS

- Designed to reduce damage from curbing, cuts and abrasions means you can be confident either on or off the highway.
- Patented innovative groove technology leads to minimum stone retention, extending casing life.
- 23/32" tread depth and cut / chip resistant tread compound deliver optimal mileage.



## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, KPa)	Dual Max. Load @ Inflation LB PSI (KG, KPa)
11R22.5	H	05151600000 # 05652230000 #	23	68	19.5 (495)	41.7 (1058)	11.1 (281)	12.2 (309)	8.25, 7.50	12.5 (318)	497 (309)	119 (54)	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
11R24.5	H	05151590000 # 05652240000 #	23	68	20.6 (523)	43.8 (1113)	11.1 (282)	12.2 (309)	8.25, 7.50	12.5 (318)	473 (294)	128 (58)	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
315/80R22.5 (Tread B)	G	05350150000	23	68	19.9 (505)	42.8 (1088)	12.5 (317)	14.0 (356)	9.00, 8.25	13.8 (351)	484 (301)	150 (68)	9090 / 130 (4125 / 900)	8270 / 130 (3750 / 900)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

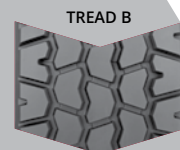
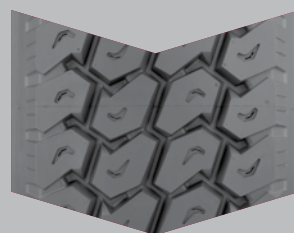
Note - Rim listed first is the measuring rim. \*\* = Intelligent Tire. Minimum Dual Spacing calculated without chains. + - Tread pattern varies (5 rib design) # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. 315/80R22.5 tires used on 8.25" rims are restricted to a maximum of 7610 lbs at 120 psi. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# GRABBER OA (WIDE BASE)

CONSTRUCTION SERVICE, ON/OFF HIGHWAY,  
ALL-POSITION WIDE BASE



## FEATURES & BENEFITS

- Reduced damage from curbing, cuts and abrasions means you can be confident either on or off the highway.
- Aggressive multi-service, all-position tread pattern provides excellent traction in on/off-road service.
- Thick under-tread resists casing penetration and damage, allowing for multiple retreads.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, KPa)	Dual Max. Load @ Inflation LB PSI (KG, KPa)
385/65R22.5	L	05350140000	21	68	19.5 (495)	42.4 (1077)	15.3 (389)	16.1 (409)	11.75, 12.25	N/A	488 (303)	162 (73)	9920 / 130 (4500 / 900)	N/A
425/65R22.5	L	05350120000	21	68	20.2 (514)	44.3 (1124)	16.6 (422)	18.0 (457)	13.00, 12.25, 14.00	N/A	468 (291)	180 (81)	11,400 / 120 (5150 / 830)	N/A
445/65R22.5 (Tread B)	L	05350130000	21	68	20.8 (528)	45.1 (1145)	17.4 (441)	18.6 (472)	13.00, 14.00	N/A	459 (285)	198 (90)	12,800 / 130 (5800 / 900)	N/A

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

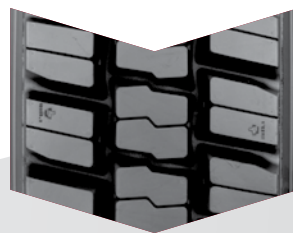
Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. + - Tread pattern varies (5 rib design) # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. 315/80R22.5 tires used on 8.25" rims are restricted to a maximum of 7610 lbs at 120 psi. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# GRABBER OD

CONSTRUCTION SERVICE, ON/OFF HIGHWAY,  
DRIVE POSITION



## FEATURES & BENEFITS

- ▶ Deep, self-cleaning tread pattern with cut-resistant compound for long wear and extended mileage.
- ▶ Excellent traction in all weather conditions, both on and off-road.
- ▶ Sidewall profile resists curb damage, while groove technology reduces stone retention and drilling.

## TECHNICAL DATA

Tire Size	Load Range	Article Number	Tread Depth   32nds	Max Speed   MPH	Static Loaded Radius IN (MM)	Overall Inflated Diameter IN (MM)	Overall Inflated Width IN (MM)	Loaded Section Width IN (MM)	Approved Rim(s)	Minimum Dual Spacing IN (MM)	Revs Per Unit MI (KM)	Tire Weight LB (KG)	Single Max. Load @ Inflation LB PSI (KG, KPa)	Dual Max. Load @ Inflation LB PSI (KG, KPa)
11R22.5*	H	05250330000	30	68	19.6 (498)	42.3 (1074)	11.1 (282)	12.2 (310)	8.25, 7.50	12.5 (318)	489 (304)	128 (58)	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
11R24.5	H	05250340000	30	68	20.6 (524)	44.2 (1123)	11.1 (281)	12.2 (310)	8.25, 7.50	12.5 (318)	468 (291)	137 (62)	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. \* - ECE Certified # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# **GENERAL INFORMATION**

## **IN THIS SECTION**

LOAD TABLES/CHARTS

SAFETY WARNINGS



# LOAD RANGE DESIGNATION & PLY RATING

## EQUIVALENCY TABLE

LOAD RANGE	A	B	C	D	E	F	G	H	J	L	M	N
PLY RATING	2	4	6	8	10	12	14	16	18	20	22	24

# LOAD INFLATION TABLES

## TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES

CONVENTIONAL SIZES ON 15 DEGREE DROP –CENTER RIMS – RADIAL PLY															
Standard		kPa	480	520	550	590	620	660	690	720	760	790	830	860	900
		psi	70	75	80	85	90	95	100	105	110	115	120	125	130
11R22.5	Dual*	kg	1990	2080	2160	2250	2360	2460	2560	2650 (G)	2680	2710	2725 (H)	-	-
		lbs	4380	4580	4760	4950	5205	5415	5625	5840 (G)	5895	5950	6005 (H)	-	-
	Single*	kg	2050	2160	2260	2370	2500	2600	2700	2800 (G)	2870	2940	3000 (H)	-	-
		lbs	4530	4770	4990	5220	5510	5730	5950	6175 (G)	6320	6465	6610 (H)	-	-
11R24.5	Dual*	kg	2110	2210	2300	2390	2500	2580	2660	2725 (G)	2820	2910	3000 (H)	-	-
		lbs	4660	4870	5070	5260	5510	5675	5840	6005 (G)	6205	6405	6610 (H)	-	-
	Single*	kg	2190	2300	2410	2520	2650	2770	2890	3000 (G)	3080	3160	3250 (H)	-	-
		lbs	4820	5070	5310	5550	5840	6095	6350	6610 (G)	6790	6970	7160 (H)	-	-

METRIC & WIDE BASE SIZES ON 15 DEGREE DROP –CENTER RIMS – RADIAL PLY															
Metric		kPa	480	520	550	590	620	660	690	720	760	790	830	860	900
		psi	70	75	80	85	90	95	100	105	110	115	120	125	130
255/70R22.5	Dual*	kg	-	-	1800	1860	1940	2000	2020	2090	2120	2230	2300 (H)	-	-
		lbs	-	-	3970	4110	4275	4410	4455	4610	4675	4915	5070 (H)	-	-
	Single*	kg	-	-	1900	1980	2060	2120	2220	2300	2360	2450	2500 (H)	-	-
		lbs	-	-	4190	4370	4550	4675	4895	5065	5205	5400	5510 (H)	-	-
295/75R22.5	Dual*	kg	1860	1950	2060	2130	2220	2300	2390	2470	2575 (G)	2630	2725 (H)	-	-
		lbs	4095	4300	4540	4690	4885	5070	5260	5440	5675 (G)	5795	6005 (H)	-	-
	Single*	kg	2040	2140	2240	2340	2440	2500	2620	2710	2800 (G)	2890	3000 (H)	-	-
		lbs	4500	4725	4940	5155	5370	5510	5780	5980	6175 (G)	6370	6610 (H)	-	-
315/80R22.5	Dual*	kg	-	-	2575	2650	2750	2900	2970	3070	3150	3270	3450	3600	3750 (L)
		lbs	-	-	5675	5840	6070	6395	6545	6770	6940	7210	7610	7940	8270 (L)
	Single*	kg	-	-	2800	2910	3030	3150	3260	3370	3450	3590	3750	3960	4125 (L)
		lbs	-	-	6175	6415	6670	6940	7190	7440	7610	7920	8270	8600	9090 (L)
385/65R22.5	Dual*	kg	-	-	-	-	-	-	-	-	-	-	-	-	-
		lbs	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single*	kg	2880	3060	3150	3350	3470	3650	3740	3850	4000	4100	4250	4360	4500 (L)
		lbs	6380	6720	6940	7350	7650	8050	8230	8510	8820	9050	9370	9610	9920 (L)
425/65R22.5	Dual*	kg	-	-	-	-	-	-	-	-	-	-	-	-	-
		lbs	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single*	kg	3430	3640	3750	3980	4130	4250	4440	4580	4750	4880	5150 (L)	-	-
		lbs	7590	7990	8270	8740	9100	9370	9790	10100	10500	10700	11400 (L)	-	-
445/65R22.5	Dual*	kg	-	-	-	-	-	-	-	-	-	-	-	-	-
		lbs	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single*	kg	3720	3950	4125	4320	4470	4625	4820	4960	5150	5290	5800 (L)	-	-
		lbs	8230	8660	9090	9480	9870	10200	10600	11000	11400	11700	12800 (L)	-	-
285/75R24.5	Dual*	kg	1870	1970	2060	2150	2240	2360	2410	2490	2575 (G)	2660	2800 (H)	-	-
		lbs	4135	4340	4540	4740	4930	5205	5310	5495	5675 (G)	5860	6175 (H)	-	-
	Single*	kg	2060	2160	2240	2360	2460	2575	2650	2740	2800 (G)	2920	3075 (H)	-	-
		lbs	4545	4770	4940	5210	5420	5675	5835	6040	6175 (G)	6440	6780 (H)	-	-

\*Based on TRA | **Note:** Letters in bold parentheses ( ) denote load range for which boldface loads are maximum. Always use approved tire and rim combinations for diameters and contours. All values are for 65 mph unless otherwise noted. For tire load and inflation at various speeds see next page.



# LOAD LIMITS AT VARIOUS SPEEDS

## FOR RADIAL PLY TRUCK TIRES USED ON IMPROVED SURFACES

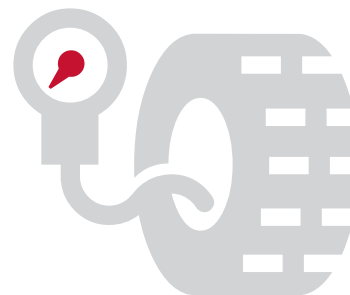
The service load and minimum (cold) inflation must comply with the following limitations unless a speed restriction is indicated on the tire or the manufacturer rates the tire at 75 mph or above.

CONVENTIONAL TIRES – RADIAL PLY		
SPEED RANGE (MPH)	INFLATION PRESSURE CHANGE (PSI)	LOAD CHANGE (%)
71 - 75	+5	-12
66 - 70	+5	-4
51 - 65	NO INCREASE	0
41 - 50	NO INCREASE	+9
31 - 40	NO INCREASE	+16
21 - 30	+10	+24
11 - 20	+15	+32
6 - 10 <sup>(1)</sup>	+30	+60
2.6 - 5 <sup>(1)</sup>	+30	+85
CREEP - 2.5 <sup>(1)</sup>	+30	+115
CREEP <sup>(1)(2)</sup>	+40	+140
STATIONARY <sup>(1)</sup>	+40	+185

METRIC & WIDE BASE TIRES – RADIAL PLY		
SPEED RANGE (MPH)	INFLATION PRESSURE CHANGE (PSI)	LOAD CHANGE (%)
71 - 75	+5	-12
66 - 70	+5	-4
51 - 65	NO INCREASE	0
41 - 50	NO INCREASE	+7
31 - 40	NO INCREASE	+9
21 - 30	+10	+12
11 - 20	+15	+17
6 - 10	+20	+25
2.6 - 5	+20	+45
CREEP - 2.5	+20	+55
CREEP <sup>(2)</sup>	+30	+75
STATIONARY	+30	+105

\*Creep is defined as motion rated less than 200 feet in a 30 minute period.

The information in this table is based on Tire and Rim Association (TRA) standard. **Note:** These tables apply to tires only. Consult rim/wheel manufacturer for rim/wheel load and inflation capacities. **THE MAXIMUM LOAD AND INFLATION CAPACITY OF THE RIM MUST NOT BE EXCEEDED.**



(1) Apply these increases to Dual Loads and Inflation Pressures.

**Note:** The inflation pressures shown are the minimum cold pressures for the various loads listed. Higher pressures should be used as follows:

- When required by the above speed/load table.
- When higher pressures are desirable to obtain improved operating performance.

For speeds above 20 mph, the combined increases of A and B should not exceed 20 psi above the inflation specified for the maximum load of the tire.

(2) Load limits at various speed for:

- Tires used in highway service at Restricted Speed.
- Mining and Logging Tires used in Intermittent Highway Service.

## MATCH TIRE FOR SPEED AND AXLE WEIGHTS

In a tire selection process, it is mandatory that consideration be given to selecting a tire size and load range which at least equals the maximum load requirements by axle position (steer, drive or trail). All highway truck tires have load limits established for tires used in normal highway service. Therefore, when selecting a tire for service, both the carrying capacity and speed implications must be considered.



# SAFETY WARNINGS

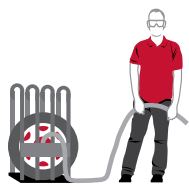
Always follow tire manufacturer's instructions. Check inflation pressure frequently with gauge.

SERIOUS **INJURY, DEATH**  
OR PROPERTY **DAMAGE**  
MAY RESULT FROM:

- » Explosion of tire/rim assembly due to improper mounting.
- » Tire failure due to misapplication, improper inflation or improper loading.



## TIRE DEMOUNTING AND MOUNTING SAFETY PRECAUTIONS



Serious injury or death may result from explosion of tire/rim assembly due to improper mounting. Use safety cage and cup or extension air hose. Only specially trained persons should mount tires.

Tire and wheel servicing can be dangerous, and should be done by trained personnel using proper tools and procedures. Follow the procedures and safety precautions in the RMA's "Demounting and Mounting Procedures for Trucks/Bus Tires" and "Inspection procedures for identification of potential zipper ruptures in steel cord radial medium and light truck tires" charts and service bulletins.

Failure to comply with these procedures may result in faulty positioning of the tire and/or rim parts, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death. Never mount or use damaged tires or rims.

## MISAPPLICATION/IMPROPER INFLATION OVERLOADING

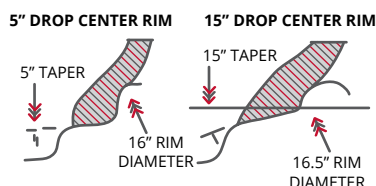
There is a danger of serious injury or death if a tire of one bead diameter is installed on a rim or wheel of a different rim diameter.

Re-assembly and inflation of mismatched parts can result in serious injury or death. Just because parts come in together does not mean they belong together. Check for proper matching of all rim arts before putting any parts together.

ALWAYS replace a tire with another tire of exactly the same bead diameter designation and suffix letters. For example: A 16" tire goes on a 16" rim. NEVER mount a 16" tire on a 16.1" or 16.5" rim. A 16.1" tire goes on a 16.1" rim. NEVER mount a 16.1" tire on a 16" or 16.5" rim. A 16.5" tire goes on a 16.5" rim. NEVER mount a 16.5" tire on a 16" or 16.1" rim.

While it is possible to pass a 16" diameter tire over the lip or flange of a 16.1" or 16.5" size diameter rim, it cannot be inflated enough to position itself against the rim flange. If an attempt is made to seat the tire bead by inflating, the tire bead will break with explosive force and could cause serious injury or death.

*Rims of different diameters and tapers cannot be interchanged. The following diagram illustrates the difference between rims of two different tapers and diameters.*



*The following diagram shows how beads of a 16" tire will not seat on a 16.5" rim. The beads cannot be forced out against the rim flanges by using more air pressure because this will break the beads and the tire will explode with force sufficient to cause serious injury or death.*



*Never assemble a tire and rim unless you have positively identified and correctly matched the parts.*

## NEVER INFLATE BEYOND 40 POUNDS PRESSURE TO SEAT BEADS. NEVER STAND, LEAN OR REACH OVER THE ASSEMBLY DURING INFLATION.

Inspect both sides of the tire to be sure that the beads are evenly seated. If tire is mounted on a machine that does not have a positive lock-down device to hold the wheel, inflation should be done on a safety cage. If both beads are not properly seated when pressure reaches 40 pounds, completely deflate the assembly, reposition the tire and/or tube on the rim, relubricate and reinflate. Inflating beyond 40 pounds air pressure when trying to seat the beads is a DANGEROUS PRACTICE that may break a tire bead (or even the rim) with explosive force, possibly resulting in serious injury or death. After the beads are fully seated, pressure may be increased above 40 psi to operating pressure, not to exceed the maximum labeled on the tire sidewall.

Permanent tire damage due to underinflation and/or overloading cannot always be detected. Any tire known or suspected to have been run at 80% or less of normal operating inflation pressure and/or overloaded, could possibly have permanent structural damage (steel cord fatigue). Ply cords weakened by underinflation and/or overloading may break one after another, until a rupture occurs in the upper sidewall with accompanying instantaneous air loss and explosive force. This can result in serious injury or death.

Any tire suspected of having been operated underinflated and/or overloaded must be approached with caution. Completely deflate the tire by removing the valve core before removing the tire rim/wheel assembly from the vehicle. After removing from the vehicle, clearly identify the tire so it will not be reinflated until carefully inspected by a trained technician to determine the cause of underinflation, as well as any tire damage resulting from under inflation and/or overloading.

The use of a flammable material during tire servicing is absolutely prohibited. Use of starting fluid other, gasoline, or any other flammable material to lubricate, seal or seat the beads of a tubeless tire can cause the tire to explode or can cause the explosive separation of the tire/trim assembly resulting in serious injury or death. This practice may also result in undetected damage to the tire or rim that could result in failure of the tire service.

The air pressure contained in a tire is dangerous. The sudden release of this pressure by a tire blow-out or side ring separation can cause serious injury or death. Stay out of the trajectory as indicated by shaded area. When installing the tire/rim assembly on the vehicle, it will be impossible to stay out of the trajectory; however, at all other times you and all others must stay out of the trajectory.

When mounting dual disc wheels on a vehicle, be sure to carefully check and retighten or retorquer inner cap nuts before mounting the outer wheel, in demounting the outer wheel, there is a possibility that the inner cap nuts may have been loosened accidentally.

NEVER rework, weld, nest, or braze the tire/wheel/trim. Heating the rim of tire/wheel/rim assembly can cause a tire to explode, causing serious injury or death.

NEVER hammer, strike or pry on any type of tire/rim assembly while the tire contains inflation pressure. Do not attempt to seat any part while the tire contains any inflation pressure. This could result in serious injury or death.

Excessive speed in a free-running, unloaded tire can cause it to "explode" from extreme centrifugal force.

## REGROOVING

Continental, General Tire, AmeriSteel, and Euzkadi brand truck tires that have "REGROOVABLE" molded on the sidewall may be regrooved. After regrooving, it is required that 3/32" of under tread remains to cover the top ply. It is the responsibility of the regroover to assure that all Federal Regulations are met. For further clarification, see Code of Federal Regulations: Title 49, Transportation: Parts 569 and 393.75.



**TOUGH.  
TRUSTED.  
ANYWHERE.**







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