

Michelin Technical Bulletin

July 27, 2018 (updated July 13, 2021)

MICHELIN 315/80R22.5 LRL Tires Used in Motor Coach and Motor Home Service

This Technical Bulletin addresses only replacement fitments on Motor Coach and Motor Home (commonly referred to as RVs) vehicles produced up to the end of 2017 where the FMVSS placard references the fitment of 315/80R22.5 on 8.25x22.5 wheels. Vehicles used in Urban service such as Transit Buses or Waste/Refuse vehicles are specifically excluded from this exception without special dispensation.

Michelin has repealed its approval to use 8.25x22.5 wheels on 315/80R22.5 dimension tires for new vehicle production effective January 1, 2018.

Michelin's position is that these Motor Coach and Motor Home (commonly referred to as RVs) vehicles produced before the end of 2017 with 8.25x22.5 wheels may continue to be fitted with current 315/80R22.5 LRL products until the vehicles are retired from active service.

Note the reduced load capacity per wheel position when 315/80R22.5 tires are fitted on 8.25x22.5 wheels continues to apply, always ensuring that the maximum load and cold pressure rating of the wheel manufacturer are not exceeded.

In the load and inflation tables, **SINGLE** means an axle with one tire mounted on each end, while **DUAL** means an axle with two tires mounted on each end. In an RV application, the loads indicated represent the total weight of an axle end. When one axle end weighs more than the other, use the heaviest of the two end weights to determine the unique tire pressure for all tires on the axle. The maximum cold pressure for each axle may vary, depending on their weights. These tables are applicable for all RV axles, whether or not they are power-driven.

Load (Reduced) and Inflation Table per wheel position for 315/80R22.5 tires fitted on 8.25x22.5 wheels

Dimension	Load Range	PSI		75	80	85	90	95	100	105	110	115	120
		kPa		520	550	590	620	660	690	720	760	790	830
315/80R22.5 8.25" Wheel	L	lbs. Per Axle End	S	5490	5785	6075	6360	6635	6910	7185	7465	7725	8000
			D	10450	11000	11550	12090	12630	13150	13680	14200	14720	15220
		kg. Per Axle End	S	2490	2625	2755	2885	3010	3135	3260	3385	3505	3630
			D	4740	4990	5240	5485	5730	5965	6205	6440	6675	6905

Owners are encouraged to adapt to 9.00x22.5 wheels wherever possible, however replacing 8.25x22.5 wheels with 9.00x22.5 wheels may cause tire/vehicle interference on certain vehicles in steer position and may exceed federal regulations for overall vehicle width on drive axles.

*An alternative fitment, when all tires on the vehicle are to be replaced at the same time, would be MICHELIN® 295/80R22.5 X® COACH Z tire (MSPN 53962). This tire is approved for use on 8.25x22.5 wheels with 16,140 lbs. (7,321 kg) maximum load capacity on steer axles and 27,980 lbs. (12,681 kg) on drive axles @ 830 kPa (120 psi) cold pressure.

Load and Inflation Table per wheel position for 295/80R22.5 X® COACH Z tires fitted on 8.25x22.5 wheels

Wheel Diameter 22.5"	Load Range	PSI		75	80	85	90	95	100	105	110	115	120	123
		kPa		520	550	590	620	660	690	720	760	790	830	850
295/80R22.5 X COACH Z	H	lbs. Per Axle End	S	5580	5835	6175	6425	6710	6995	7280	7560	7795	8070	8270
			D	9670	10120	10700	11130	11630	12130	12620	13100	13510	13990	14780
		kg. Per Axle End	S	2530	2645	2800	2915	3045	3175	3300	3430	3535	3660	3750
			D	4390	4590	4850	5050	5280	5500	5720	5940	6130	6350	6700

Michelin continually updates its product information to reflect any changes in Industry Standards. Printed material may not reflect the current Load and Inflation information. Please visit business.michelinman.com for the latest product information.

Note: The actual load and inflation pressure used must not exceed the wheel manufacturer's maximum conditions. Never exceed a wheel manufacturer's limits without permission from the component manufacturer.

US : business.michelinman.com

CA : www.michelintruck.com/fr_CA

MICHELIN NORTH AMERICA, INC., Greenville, South Carolina, USA
MICHELIN NORTH AMERICA (CANADA) INC., Laval, Quebec, Canada

An Equal Opportunity Employer.

Copyright ©2021 Michelin North America, Inc. All rights reserved. PDF ONLY (07/21)



MICHELIN