

RCI-22-24-001-1: EDV Tire Servicing Guidelines


Rivian LLC, Service Guideline

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Affected Region(s)	USA
Affected Model(s)	EDV 500, 700
Model Year(s)	2022+
Vehicle System	22 - Wheels and Tires

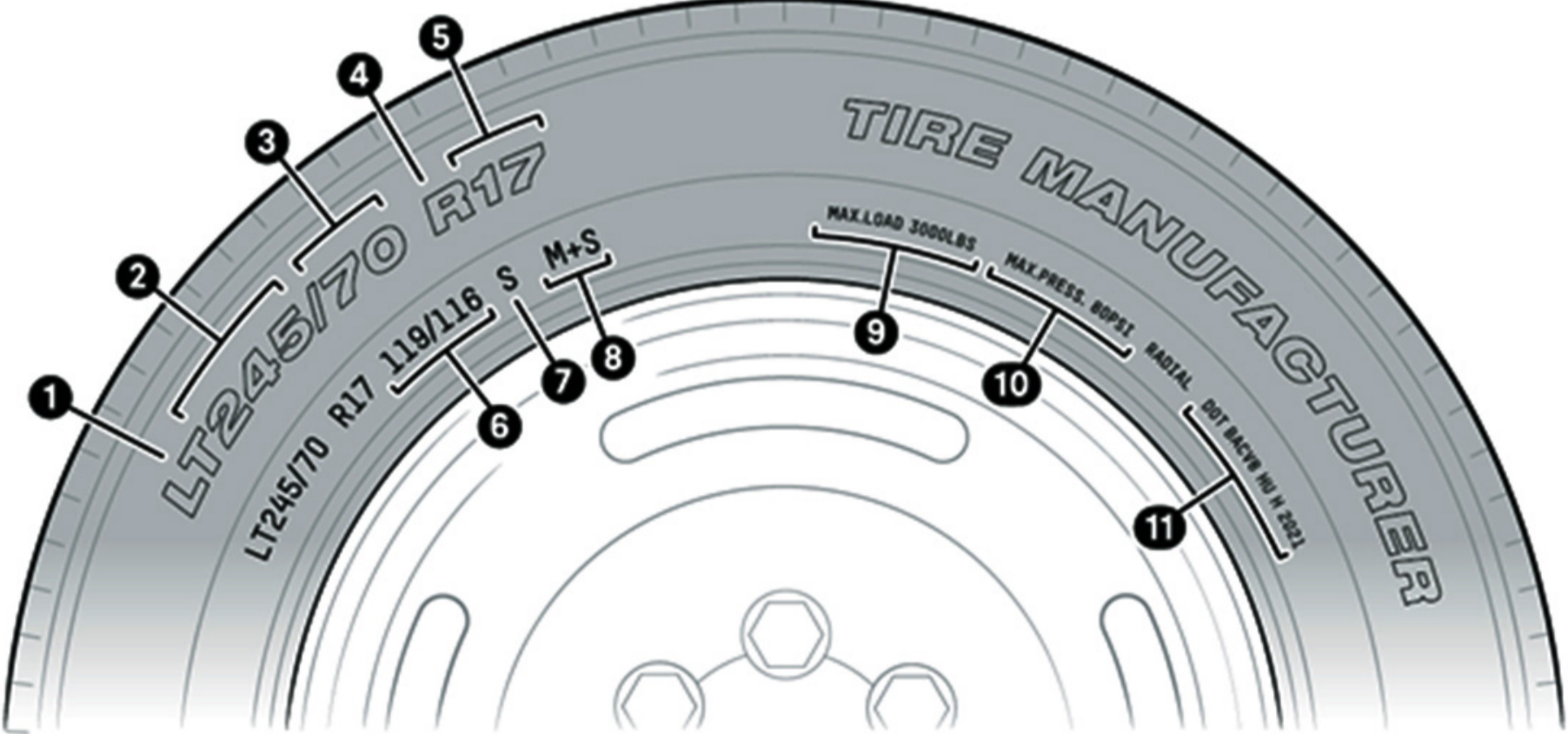
General Information

Rivian now recommends the use of Hankook™ tires for EDV North America service operations. When replacing tires on EDV, Rivian strongly recommends that each axle (front or rear) maintain the same brand commonality to help ensure optimal vehicle safety, range, and driving performance.

Recommended EDV Tire

Trade Name	Tire Information	Figure
Hankook™ DynaPro HT	LT245/70R17 119S	

Tire Sidewall Specifications

	
Item	Description

1	Light Truck Use
2	Nominal width in millimeters, measured from the outer edges of the sidewall.
3	Nominal aspect ratio (%). This describes the height of the tire expressed as a percentage of the tire width.
4	Internal construction. The "R" indicates a radial ply.
5	Rim diameter in inches
6	Load index
7	Speed symbol
8	Mud and snow grading
9	Maximum load rating
10	Maximum permissible inflation pressure
11	U.S. DOT tire identification number

Servicing Guidelines for EDV Tires

Rivian recommends the following criteria be observed when servicing EDV tires:

- Only install Rivian recommended tire brand(s) and model(s) on EDV.
- To minimize tire height difference, prevent possible Electronic Stability Control (ESC) system faults, and maintain vehicle performance, Rivian recommends that tires be replaced in pairs across the front or rear axles.
- Failure to follow Rivian's recommendations with respect to tire size, speed rating, and load rating may result in voiding of certain parts of the EDV Limited Warranty.

Replacement:

- For best performance, use the same brand of tire and model in all 4 mounting locations.
- When replacing tires, make sure the tire being replaced on the vehicle matches the existing tires by brand, model, size, speed rating, temperature rating, load rating and homologation specification to ensure all safety, performance, and range parameters are met.

Notice:

Failure to follow any of these requirements may result in:

- Reduced drift/pull performance
 - Increased torque steer
 - Vehicle pulling to one side during hard braking
 - Inconsistent steering (left to right)
 - Reduced Electronic Stability Control (ESC) performance
- Inspect the condition of the treadwear indicators to determine if the tires require replacement.

Note:

Aggressive driving habits may lead to more frequent tire replacement.

- To ensure optimal performance in different driving conditions, tire replacement should be considered when the tread depth falls below 4/32" (3.1 mm).

Important:

Prior to replacing tires, make sure the tire tread depth difference does not exceed 2/32" (1.6 mm) across the axle(s). If the difference in tread depth is greater than 2/32" (1.6 mm), additional tires may require replacement.

Note:

Make sure to follow all federal, state, and local laws when replacing tires.

- Per best practices, tires may need to be replaced if uneven wear is observed.

Note:

Refer to the service manual to resolve any possible mechanical issues that may cause uneven tire wear.

Damage:

- In cases where a single tire incurs damage and requires replacement, refer to the recommended tread wear specification - 4/32" (3.1 mm) and axle tread depth difference - 2/32" (1.6 mm), to determine if additional tires require replacement.

Maintenance:

- Rivian recommends vehicle maintenance every 6,000 mi (10,000 km).
- For tire rotation, refer to the annual service schedule located in the applicable service manual.
- Frequent tire pressure checks are recommended, and the tire pressure should be set according to the specific vehicle load case.

Note:

For more information, refer to the Tire and Loading information placard, or the GVWR placard, located in the driver side door jamb area.

Warranty

Details on the limited warranty for EDV tires can be found in the limited warranty statement on the tire manufacturer's website. If the tires were purchased directly from Rivian, please contact Rivian for assistance with warranty service. Otherwise, contact the tire retailer, or take the affected tire to an authorized dealer.

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