

# The Swedish Transport Agency's Code of Statutes



**THE SWEDISH  
TRANSPORT  
AGENCY**

## **The Swedish Transport Agency's provisions amending the Swedish Road Administration's Regulations (VVFS 2003:19) on cars converted to tractors and cars converted to class II motorized equipment;**

**TSFS 2023:63**

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**ROAD TRAFFIC**

adopted on 17 november 2023

By virtue of Chapter 4, Section 18a of the Road Traffic Ordinance (1996:1278) and Chapter 8, Section 16 of the Vehicle Ordinance (2009:211) with regard to the Swedish Road Administration's Regulations (VVFS 2003:19) on cars converted to tractors and cars converted to class II motorized equipment, the Swedish Transport Agency prescribes<sup>1</sup>

that the Statute heading and Chapter 3, Section 1, and Chapter 4, Sections 18, 19 and 25 shall read as follows;

that six new paragraphs – Chapter 3, Section 2, and Chapter 4, Section 24 a-e – shall be inserted and shall read as follows;

and that the following general guidance shall be adopted.

### **The Swedish Road Administration's Regulations and general guidance on cars converted to tractors and cars converted to class II motorized equipment**

#### **Chapter 3**

**Section 1** For the purposes of these regulations, the following definitions apply:

– ECE Regulation 1: Uniform provisions concerning the approval of motor vehicle headlamps emitting an asymmetrical passing beam and/or a driving beam and equipped with filament lamps of categories R2 and/or HS1,

– ECE Regulation 3: Uniform provisions concerning the approval of retro-reflecting devices for power-driven vehicles and their trailers,

<sup>1</sup> See Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services.

- ECE Regulation 4: Uniform provisions for the approval of devices for the illumination of rear registration plates of motor vehicles (except motor cycles) and their trailers,
- ECE Regulation 5: Uniform provisions for the approval of motor vehicle ‘sealed-beam’ headlights (SB) emitting a European asymmetrical passing beam or a driving beam or both,
- ECE Regulation 6: Uniform provisions concerning the approval of direction indicators for motor vehicles and their trailers,
- ECE Regulation 7: Uniform provisions concerning the approval of front and rear position (side) lights, stop lights and end-outline marker lights for motor vehicles (except motor cycles) and their trailers,
- ECE Regulation 8: Uniform provisions concerning the approval of motor vehicle headlights emitting an asymmetrical passing beam or a driving beam or both and equipped with halogen filament lights (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11),
- ECE Regulation 19: Uniform provisions concerning the approval of motor vehicle fog lights,
- ECE Regulation 20: Uniform provisions concerning the approval of motor vehicle headlights emitting an asymmetrical passing beam or a driving beam or both and equipped with halogen filament lights (H4 lights),
- ECE Regulation 27: Uniform provisions concerning the approval of advance-warning,
- ECE Regulation 30: Uniform provisions concerning the approval of pneumatic tyres for motor vehicles and their trailers,
- ECE Regulation 31: Uniform provisions concerning the approval of halogen sealed-beam unit (HSB unit) motor vehicle headlights emitting an asymmetrical passing beam or a driving beam or both,
- ECE Regulation 37: Uniform provisions concerning the approval of filament lamps for use in approved units of power-driven vehicles and of their trailers,
- ECE Regulation 38: Uniform provisions concerning the approval of rear fog lights for power-driven vehicles and their trailers,
- ECE Regulation 54: Uniform provisions concerning the approval of pneumatic tyres for commercial vehicles and their trailers,
- ECE Regulation 65: Uniform provisions concerning the approval of special warning lights for motor vehicles,
- ECE Regulation 69: Uniform provisions concerning the approval of rear marking plates for slow-moving vehicles (by construction) and their trailers,
- ECE Regulation 91: Uniform provisions concerning the approval of side-marker lights for motor vehicles and their trailers,

- ECE Regulation 108: Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for motor vehicles and their trailers,
- ECE Regulation 109: Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for commercial vehicles and their trailers,
- ECE Regulation 112: Uniform provisions concerning the approval of motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps,
- ECE Regulation 113: Uniform provisions concerning the approval of motor vehicle headlamps emitting a symmetrical passing beam or a driving beam or both and equipped with filament lamps,
- ECE Regulation 117: Uniform provisions concerning the approval of tyres with regard to rolling sound emission, and
- GTR 16: Addendum 16; Global technical regulation No. 16, Global technical regulation on tyres.

**Section 2** The ECE Regulations referred to in Section 1 are adopted by the European Union and published in the *Official Journal of the European Union*.

## Chapter 4

**Section 18** An A-tractor shall comply with the requirements of Sections 19–25 with respect to snow tyres.

**Section 19** In order to meet the requirements of Chapter 4, Section 18a, first and second paragraphs of the Road Traffic Ordinance (1998:1276), the snow tyres used on an A-tractor shall be

1. marked with the alpine peaks/snowflake symbol (3PMSF) in accordance with ECE Regulation 117;
2. marked with POR (Professional Off Road) in accordance with ECE Regulation 54; or
3. studded tyres which, according to the manufacturer of the tyre, are intended for studding and use on passenger cars or light commercial vehicles, provided that hollow studs have not been used.

Snow tyres mounted on axles other than drive axles and front axles of an A-tractor with a total weight exceeding 3,500 kg may instead be marked with M+S, M.S, M & S, M-S, MS, or ‘Mud and Snow’ in accordance with ECE Regulations 30, 54, 108, and 109 and GTR 16.

### **General guidance**

*An A-tractor that has appropriate anti-skid devices, such as snow chains or sand spreaders, should be considered to be fitted with such equivalent equipment referred to in Chapter 4, Section 18a, first and second paragraphs, of the Road Traffic Ordinance (1998:1276).*

*Winter road surfaces should be considered to prevail when there is snow, ice, slush or frost on any part of the road.*

**Section 24a** When travelling by road during the period from 1 December to 31 March, the remaining depth of the main tread pattern may be no less than

1. 3 mm in the middle 75 % of the tread width on an A-tractor with a total weight not exceeding 3,500 kg, and

2. 5 mm in the middle 75 % of the tread width on an A-tractor with a total weight exceeding 3,500 kg.

The first subparagraph does not apply to the temporary use of spare wheels after a tyre has been damaged.

**Section 24b** The number of studs in studded tyres on an A-tractor shall not differ by more than 25 % from the tyre on the vehicle with the highest number of studs. The maximum protrusion of the studs may not exceed 2.0 mm.

**Section 24c** An A-tractor may not have both studded and non-studded tyres. However, in the case of twin wheels, one of the tyres may be non-dubbed. In such cases, the studded tyres shall be positioned symmetrically in relation to the longitudinal axis of the vehicle.

The first subparagraph does not apply to the temporary use of a spare wheel after a tyre has been damaged.

***General guidance***

*In the case of studded snow tyres, the tyres with the greatest stud protrusion should be mounted at the rear.*

**Section 24d** In the case of temporary use of a spare wheel after damage has happened to a tyre mounted on an A-tractor, the tyre on the spare wheel need not be of the same type as the other tyres on the vehicle. In this context, 'type' means belted, radial, summer, and snow tyres.

**Section 24e** If anti-skid devices are used, they shall be such that they do not damage the road.

**Section 25** Studded tyres marked with week of manufacture 187 or later, or which have been put into service after 1 October 1998, shall meet the requirements for each respective tyre type in Sections 18-25 of the Swedish Transport Agency's regulations and general advice (TSFS 2009:19) on the use of tyres etc. for cars and trailers towed by cars.

Other studded tyres may also be used, provided that there is proof that road wear caused by the studded tyre on the road surface is not greater than that caused by a studded tyre with studs meeting the requirements in accordance with the first paragraph.

***General guidance***

*Studded tyres with Finnish type-approval, or which meet equivalent requirements, should be considered as meeting the requirements.*

1. This statute shall enter into force on 1 December 2023.
2. Tyres under Section 19, second paragraph, may be used until 30 November 2024 on the front axles of A-tractors with a total weight exceeding 3 500 kg.
3. Tyres under Section 19, second paragraph, may be used until 30 November 2024 on A-tractors with a total weight not exceeding 3 500 kg and on the drive axles of A-tractors with a total weight exceeding 3 500 kg, provided that the tyres were specially made for winter driving.

On behalf of the Swedish Transport Agency

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