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## Review of low front and side attachment according to TSFS 2017:10

(26 appendices)

### Note

Rev 1. This assessment has been revised 2021-06-17, with new vehicles that have been evaluated. The list of products has been added with new vehicles and vehicle models (Appendix 1), new drawing placements and drawings has been added (Appendices 9-14) and new mounting instructions have been added (Appendices 22-26).

### Summary

Review of city bars (low front and side attachments) according to the requirements in Swedish Transport Agency's regulation TSFS 2017:10 Appendix 1, Section 49 – Projection of parts on external surface of cab and with reference to directive 92/114/EC and ECE Regulation 61. The review shows no deviation from the above mentioned requirements.

## 1. Assignment

Review of city bars for motor vehicle class N<sub>2</sub> and N<sub>3</sub> (truck over 3.5 tons) according to TSFS 2017:10 Appendix 1, Section 49 – Projection of parts on external surface of cab.

Client: Tarmetec Ltd in Tartu, Estonia.

## 2. Product

The city bars are of two types, with and without LED markers. The products are meant for mounting on motor vehicles with a weight over 3.5 tons and are listed in Appendix 1.

Material: Diameter 60 mm tube made of AISI 304 stainless steel

Manufacturer: Tarmetec Ltd, Tartu, Estonia

Drawings and placement of the products on to the corresponding products are provided in Appendix 2-14 and instructions for mounting on different vehicles are presented in Appendices 15-26.

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### 3. Method

Review of the geometry and radius of the products according to TSFS 2017:10 section 49; which refers to directive 92/114/EEC and ECE Regulation 61, see below.

**Note 1:** If the products are mounted below either the reference plane or floor line, directive 92/114/EEC and ECE Regulation 61 are not applicable.

Consideration has also been taken with aspects of EC Regulation No.661/2009, Chapter II, article 4 paragraph 3 and article 5, paragraphs 1 and 2f.

Directive/Regulation	Section
Directive 92/114/EC	3.2 and 3.3 – General requirements 4.1 – Ornaments*) 4.2 – Headlamp visors and rims 4.5 – Protective devices (bumpers)
ECE Regulation 61	5 – General requirements 6.1 – Ornaments*) 6.2 – Headlamp visors and rims 6.5 – Protective devices (bumpers)

\*) The LED markers in front of city bars are considered as ornaments.

### 4. Assessment

According to our review the above mentioned types of city bars for mounting on motor vehicles with weight over 3.5 tons do not deviate from the requirements in TSFS 2017:10 Appendix 1, Section 49 – Projection of parts on external surface of cab.

This assessment shall be attached to the client’s confirmation that shall follow each delivery of the product.

**RISE Research Institutes of Sweden AB**  
**Department Applied Mechanics, RISE AB - Transport and Product Safety**

Performed by

Examined by



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Nina Talbrant

Klas-Gustaf Andersson

### Appendices

*Appendix 1* – List of products and the corresponding vehicles, document No. MTRI05022021 add1

*Appendix 2* – Drawing MTRI29-Add2 dated 2017-04-17

*Appendix 3* – Drawing MTRI29-Add3 dated 2017-04-17

*Appendix 4* – Drawing MTRI29-Add4 dated 2017-04-17

- Appendix 5* – Drawing MTRI29-Add9 dated 2017-04-17  
*Appendix 6* – Drawing MTRI29-Add10 dated 2017-04-17  
*Appendix 7* – Drawing MTRI29-Add12 dated 2017-04-17  
*Appendix 8* – Drawing MTRI29-Add13 dated 2017-04-17  
*Appendix 9* – Drawing MTRI05022021-Add 8-1  
*Appendix 10* – Drawing MTRI05022021-Add 8-2  
*Appendix 11* – Drawing MTRI05022021-Add 8-3  
*Appendix 12* – Drawing MTRI05022021-Add 8-4  
*Appendix 13* – Drawing MTRI05022021-Add 8-5  
*Appendix 14* – Drawings 5030610, 5030611, 8521200, 8521210, 8521220, 8521221, 8521222, 8521231, 8521230, 8521232, 8546600, 8546610, 8546640, 8546641, 8546642, 8546650, 8546651, 8546652  
*Appendix 15* – Mounting instruction 8645008 dated 2017-02-15  
*Appendix 16* – Mounting instruction 8645028 dated 2017-03-21  
*Appendix 17* – Mounting instruction 8685808 dated 2015-02-10  
*Appendix 18* – Mounting instruction 8623318 dated 2016-07-01  
*Appendix 19* – Mounting instruction 8545018 dated 2017-02-16  
*Appendix 20* – Mounting instruction 8502408 dated 2017-02-17  
*Appendix 21* – Mounting instruction 8565808 dated 2012-02-02  
*Appendix 22* – Mounting instruction 8503008 dated 2020-07-08  
*Appendix 23* – Mounting instruction 8521208 dated 2020-02-27  
*Appendix 24* – Mounting instruction 8521228 dated 2020-02-27  
*Appendix 25* – Mounting instruction 8546608 dated 2020-03-14  
*Appendix 26* – Mounting instruction 8546648 dated 2020-03-25

Appendix 1

MTRI05022021\_add1

Product code primary	Product name	ingredient	Mount: Instruction	Vehicle make	Vehicle model	year -	- year	remarks
864500	Spoilerbar	864500	8645008	SCANIA	R / S- Serie	16		origin
864501	Spoilerbar LED marker	864501	8645008	SCANIA	R / S- Serie	16		origin
864502	Spoilerbar	864502	8645028	SCANIA	R / S- Serie	16		origin
864503	Spoilerbar LED marker	864503	8645028	SCANIA	R / S- Serie	16		origin
868580	Spoilerbar	868580	8685808	Volvo	FH 2013- / FM 2014-			origin
868581	Spoilerbar LED marker	868581	8685808	Volvo	FH 2013- / FM 2014-			origin
862331	Spoilerbar LED marker	862331	8623318	RENAULT	T	14		origin
854500	Spoilerbar	854500	8545018	MAN	TGX	2013		origin
854501	Spoilerbar LED marker	854501	8545018	MAN	TGX	2013		origin
854502	Spoilerbar	854502	8545018	MAN	TGX	2013		origin
854503	Spoilerbar LED marker	854503	8545018	MAN	TGX	2013		origin
850240	Spoilerbar LED marker	850240	8502408	DAF	106XF (XFEuro6)	2013		origin
856580	Spoilerbar	856580	8565808	MB	Actros	2011		origin
856581	Spoilerbar LED marker	856581	8565808	MB	Actros	2011		origin
850300	Spoilerbar	5030610	8503008	DAF	CF	17		exten. 05022021
850301	Spoilerbar LED marker	5030611	8503008	DAF	CF	17		exten. 05022021
852120	Spoilerbar	8521200	8521208	IVECO	S-WAY	2019		exten. 05022021
852121	Spoilerbar LED marker	8521210	8521208	IVECO	S-WAY	2019		exten. 05022021
852122	Spoilerbar	8521220,1,1...2	8521228	IVECO	S-WAY	2019		exten. 05022021
852123	Spoilerbar LED marker	8521230,1,1...2	8521228	IVECO	S-WAY	2019		exten. 05022021
854660	Spoilerbar	8546600	8546608	MAN	TGX	2020		exten. 05022021
854661	Spoilerbar LED marker	8546610	8546608	MAN	TGX	2020		exten. 05022021
854664	Spoilerbar	8546640,1,1...2	8546648	MAN	TGX	2020		exten. 05022021
854665	Spoilerbar LED marker	8546650,1,1...2	8546648	MAN	TGX	2020		exten. 05022021