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Page

1 (3)

Tarmetec Ltd
Ringtee 6
EE-510 13 Tartu
Estland

Review of lamp holder attachment according to TSFS 2017:10

(24 appendices)

Note

Rev 1. This assessment has been revised 2021-03-30, where 7 new models have been evaluated (drawings are included in Appendix 8). In addition, The list of products (Appendix 1) and new mounting instructions have been added (Appendix 18-24).

Summary

According to our review of lamp holders on motor vehicles with weight over 3.5 tonnes do not diverge from 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.

1. Assignment

Review of lamp holders to motor vehicle class N₂ and N₃ (truck over 3.5 tonnes) 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 lamp holders are of two types, with and without LED markers. The products are meant for mounting on motor vehicle with weight over 3.5 tonnes. Product numbers and models are listed in Appendix 1.

Material: Diameter 60 mm tube made of AISI 304 stainless steel
Manufacturer: Tarmetec Ltd, Tartu, Estonia

Drawings and mounting instructions are presented in appendices 2-24.

3. Method

Review of the geometry and radius of the products has been performed according to the following table.

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Directive/Regulation	Section
Directive 92/114/EC	3 – General requirements 4.5 – Protective devices (bumpers)
ECE Regulation 61	5 – General specifications 6.5 – Protective devices (bumpers)

4. Assessment

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

This assessment is valid provided that the lamp holders projects less than 30 mm from the external transparent surface of the headlamp.

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

RISE Research Institutes of Sweden AB
Department Applied Mechanics, RISE AB - Laboratory

Performed by

Examined by

Pooya Tabib
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Appendices

- Appendix 1 – List of the products and the corresponding vehicles, document no. MTRI02032021_Add1
- Appendix 2 – Drawing MTRI29-Add11 dated 2017-04-17
- Appendix 3 – Drawing MTRI29-Add5 dated 2017-04-17
- Appendix 4 – Drawing MTRI29-Add1 dated 2017-04-17
- Appendix 5 – Drawing MTRI29-Add5.a dated 2017-04-17
- Appendix 6 – Drawing MTRI29-Add7 dated 2107-04-17
- Appendix 7 – Drawing MTRI29-Add6 dated 2017-04-17
- Appendix 8 – 7 Drawings MTRI0203202
- Appendix 9 – Mounting instruction Art. 854490 and 854491 dated 2013-10-25
- Appendix 10 – Mounting instruction Art. 862270 dated 2014-03-017
- Appendix 11 – Mounting instruction Art. 864381 dated 2010-10-22
- Appendix 12 – Mounting instruction Art. 864510 dated 2016-11-15
- Appendix 13 – Mounting instruction Art. 868650 dated 2016-02-05
- Appendix 14 – Mounting instruction Art. 868590 dated 2016-03-13

- Appendix 15* – Mounting instruction Art. 868649 dated 2017-06-12
- Appendix 16* – Mounting instruction Art. 868651 dated 2015-02-13
- Appendix 17* – Mounting instruction Art. 8645128 dated 2017-01-20
- Appendix 18* – Mounting instruction Art. 8521358 dated 2020-07-12
- Appendix 19* – Mounting instruction Art. 8546768 dated 2020-09-18
- Appendix 20* – Mounting instruction Art. 868676 dated 2020-12-07
- Appendix 21* – Mounting instruction Art. 8521518 dated 2020-03-31
- Appendix 22* – Mounting instruction Art. 8645328 dated 2020-01-11
- Appendix 23* – Mounting instruction Art. 8686748 dated 2020-12-07
- Appendix 24* – Drawings of the placement of products in relation to different types of vehicles

Appendix 1

MTRI02032021 add1

Product code primary	Product name	ingredient I	ingredient II	Mount. Instruction	Vehicle make	Vehicle model	year -	remarks
854490	Lamp holder	854490	-	8544908	MAN	TGX	13	origin
854491	Lamp holder, LED marker	854491	-	8645008	MAN	TGX	13	origin
862271	Lamp holder	888590	862270	8622708	RENAULT	T	14	origin
862272	Lamp holder, LED marker	888591	862270	8622708	RENAULT	T	14	origin
862273	Lamp holder, LED flasher	888592	862270	8622708	RENAULT	T	14	exten. 02032021
864381	Lamp holder	864381	-	8643818	SCANIA	R / S- Serie	16	origin
864520	Lamp holder	888590	864510	8645108	SCANIA	R / S- Serie	16	origin
864521	Lamp holder, LED marker	888591	864510	8645108	SCANIA	R / S- Serie	16	origin
864522	Lamp holder, LED flasher	888592	864510	8645108	SCANIA	R / S- Serie	16	exten. 02032021
868665	Lamp holder	888590	868650	8686508	VOLVO	FM	14	origin
868666	Lamp holder, LED marker	888591	868650	8686508	VOLVO	FM	14	origin
868667	Lamp holder, LED flasher	888592	868650	8686508	VOLVO	FM	14	exten. 02032021
868660	Lamp holder	888590	868590	8685908	VOLVO	FH	13	origin
868661	Lamp holder, LED marker	888591	868590	8685908	VOLVO	FH	13	origin
868662	Lamp holder, LED flasher	888592	868590	8685908	VOLVO	FH	13	exten. 02032021
868663	Lamp holder	888594	868649	8686498	VOLVO	FH	13	origin
868664	Lamp holder, LED marker	888595	868649	8686498	VOLVO	FH	13	origin
868668	Lamp holder	888594	868651	8686518	VOLVO	FM	14	origin
868669	Lamp holder, LED marker	888595	868651	8686518	VOLVO	FM	14	origin
864513	Lamp holder	864513	-	8645128	SCANIA	R / S- Serie	16	origin
852136	Lamp holder	888590	852135	8521358	IVECO	S-WAY	19	exten. 02032021
852137	Lamp holder, LED marker	888591	852135	8521358	IVECO	S-WAY	19	exten. 02032021
852138	Lamp holder, LED flasher	888592	852135	8521358	IVECO	S-WAY	19	exten. 02032021
854677	Lamp holder	888590	854676	8546768	MAN	TGX	20	exten. 02032021
854678	Lamp holder, LED marker	888591	854676	8546768	MAN	TGX	20	exten. 02032021
854679	Lamp holder, LED flasher	888592	854676	8546768	MAN	TGX	20	exten. 02032021
868678	Lamp holder	888590	868676	8686768	VOLVO	FM	20	exten. 02032021
868679	Lamp holder, LED marker	888591	868676	8686768	VOLVO	FM	20	exten. 02032021
868680	Lamp holder, LED flasher	888592	868676	8686768	VOLVO	FM	20	exten. 02032021
852150	Lamp holder	852150	-	8521518	IVECO	S-WAY	19	exten. 02032021
852151	Lamp holder, LED flasher	852151	-	8521518	IVECO	S-WAY	19	exten. 02032021
864532	Lamp holder	864532	-	8645328	SCANIA	R / S- Serie	16	exten. 02032021
864533	Lamp holder, LED flasher	864533	-	8645328	SCANIA	R / S- Serie	16	exten. 02032021
868674	Lamp holder	868674	-	8686748	VOLVO	FH/ FM	20	exten. 02032021
868675	Lamp holder, LED flasher	868675	-	8686748	VOLVO	FH/ FM	20	exten. 02032021