



Supplement assembly instructions LEICHTmount RAIL 2.0 E/W

New components LEICHTmount RAIL 2.0 E/W - Stable base for large modules

The trend towards ever larger module dimensions knows only one direction: upwards. In order to serve this market development and to respond to our customers' wishes, the S:FLEX flat roof system LEICHTmount RAIL 2.0 E/W has been further developed and made more flexible. It now allows the use of larger modules in three different variants. The new wind assessment has also confirmed that this optimisation means that significantly less ballast is used.

What changes are there to the LEICHTmount RAIL 2.0 E/W?

The basic concept of the mounting system, the main components (base or tower), the ballasting principle and the mounting procedure are largely retained.

For the assembly of larger modules, the LEICHTmount RAIL 2.0 E/W 10° now has four additional ground rails in the lengths 2150 mm / 2250 mm / 2350 mm / 2450 mm with the corresponding side panels and middle supports. The roll-bar and side panels are attached to the adapter for roll-bar, which was specially developed for this purpose.

The LEICHTmount RAIL 2.0 E/W mounting system is suitable for mounting framed modules with the following dimensions:

Module length: 1614 mm - 2400 mm Module width: 985 mm - 1300 mm Frame height: 30 mm - 50 mm



This document serves exclusively as a supplement to the current installation instructions LEICHTmount RAIL 2.0 E/W. All points from the LEICHTmount RAIL 2.0 E/W installation instructions not covered in this document are still valid.



Modifications:

- Use of larger module dimensions
- Additional ground rails in four further lengths 2150 mm / 2250 mm / 2350 mm / 2450 mm and the corresponding side panels and middle supports
- adapter for roll-bar:
 - for attaching the roll-bar
 - with screw-on point for side panels



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Depending on the desired use of space and accessibility as well as the load-bearing capacity reserve, there is a choice between three variants:

comfort

- + large gap at the high point
- + easy to maintain
- + space-saving
- + always accessible
- + less ballast necessary

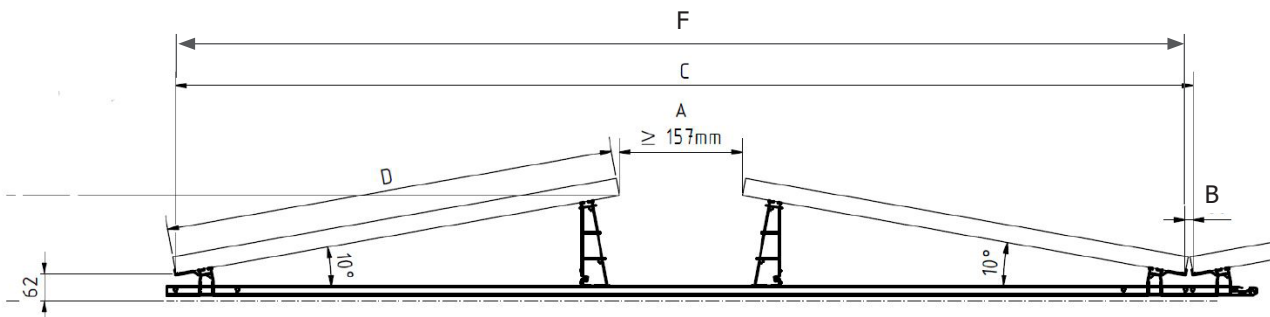
super comfort

- + large gap at the high point
- + large gap at the low point
- + easy to maintain
- + pleasant to assemble:
Modules accessible from
above and below
- + less ballast necessary
- greater space requirement

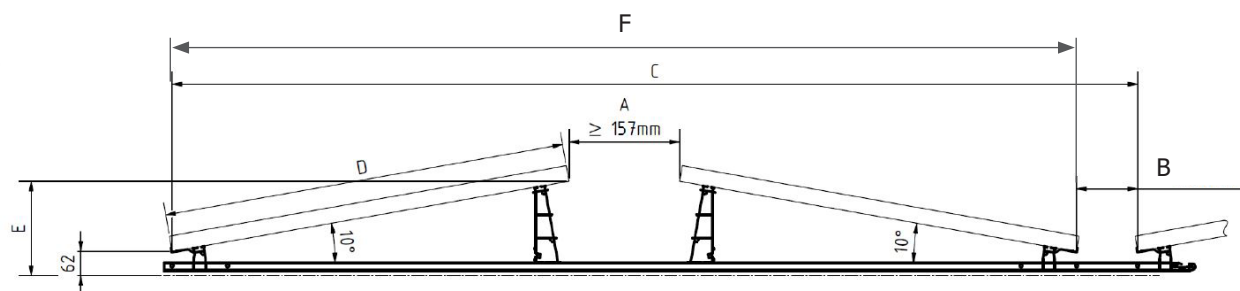
eco / performance-optimised

- + Accessibility selectable at the low point
- + space-saving
- + maximum space utilisation
- increased ballast requirement
- no accessibility at the high point

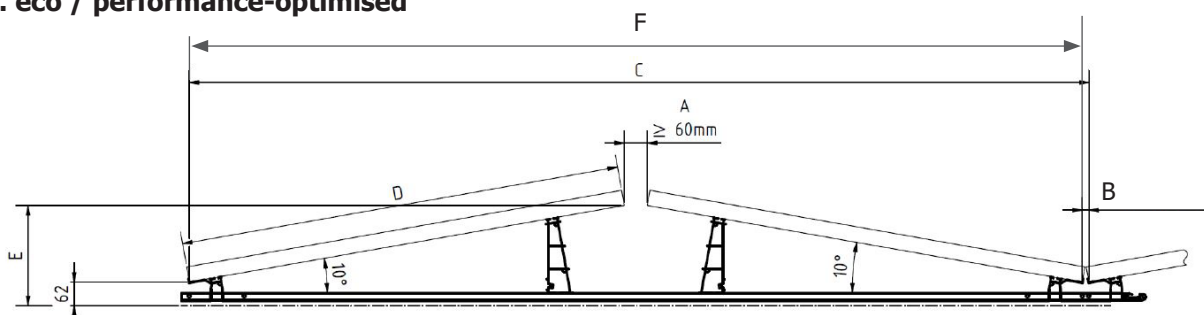
1. comfort



2. super comfort



3. eco / performance-optimised





Supplement assembly instructions LEIGHTmount RAIL 2.0 E/W

The right ground rail and base for every module width and variant

	LmR EW 10°					LmR EW 15°
module width [mm]	type 2013	type 2150	type 2250	type 2350	type 2450	type 2013
Comfort	985 - 1035	1036 - 1105	1106 - 1155	1156 - 1205	1206 - 1255	/
Super Comfort	985 - 1035	1036 - 1105	1106 - 1155	1156 - 1205	1206 - 1255	985 - 1035
ECO	1036 - 1080	1106 - 1150	1156 - 1200	1206 - 1250	1256 - 1300	985 - 1080

ground rail type 2013		module width [mm]	meas. B [mm]	meas. C [mm]	meas. F [mm]
Comfort/Super Comfort	Base	985 - 1015	57/197/297	2205/2345/2445	2148
Comfort/Super Comfort	Base M6	1016 - 1035	18/158/258	2205/2345/2445	2187
ECO	Base M6	1036 - 1080	18/158/258	2205/2345/2445	2187

ground rail type 2150		module width [mm]	meas. B [mm]	meas. C [mm]	meas. F [mm]
Comfort/Super Comfort	Base M6	1036 - 1105	18/158/258	2342/2482/2582	2324
ECO	Base M6	1106 - 1150	18/158/258	2342/2482/2582	2324

ground rail type 2250		module width [mm]	meas. B [mm]	meas. C [mm]	meas. F [mm]
Comfort/Super Comfort	Base M6	1106 - 1155	18/158/258	2442/2582/2682	2424
ECO	Base M6	1156 - 1200	18/158/258	2442/2582/2682	2424

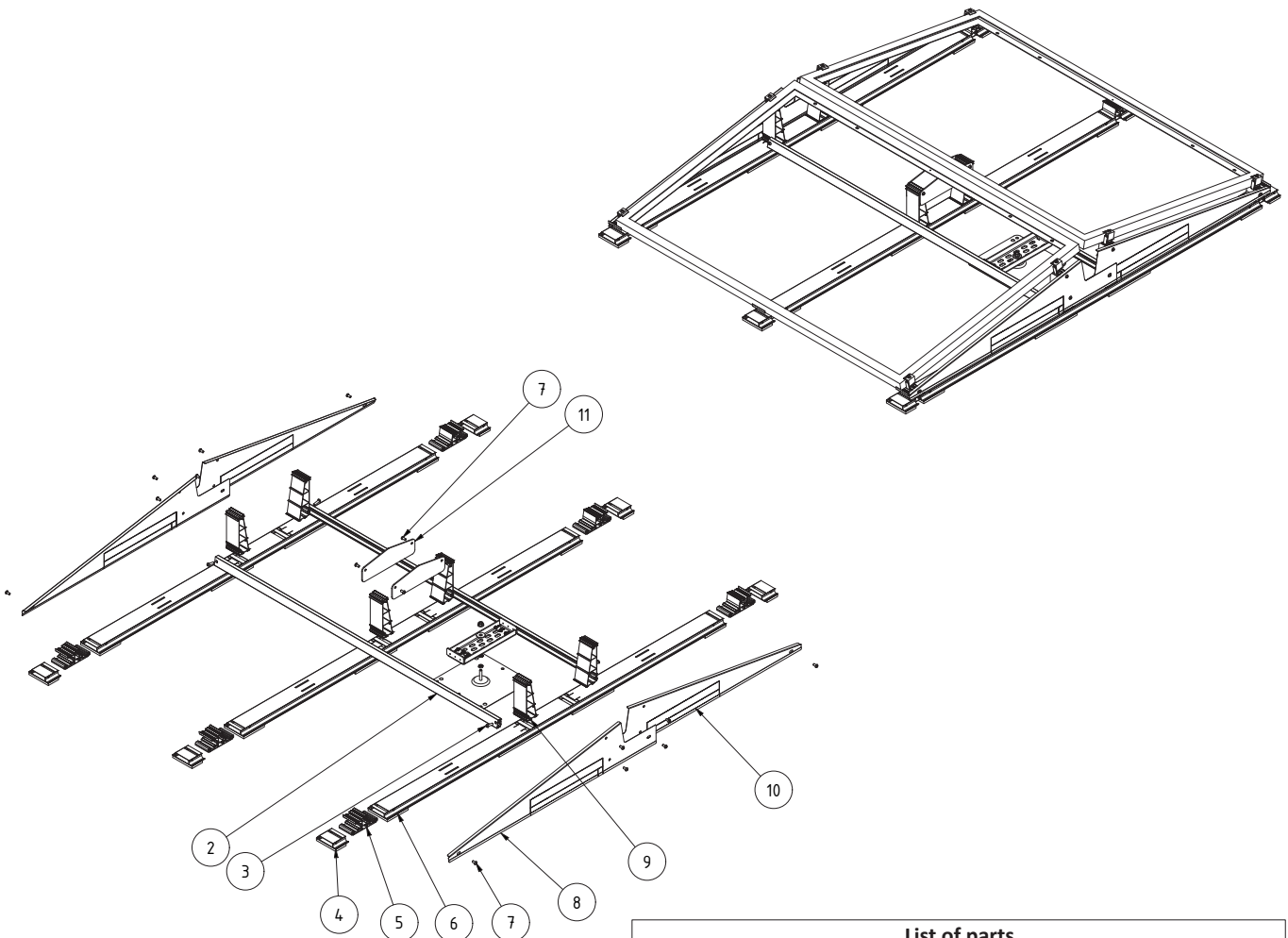
ground rail type 2350		module width [mm]	meas. B [mm]	meas. C [mm]	meas. F [mm]
Comfort/Super Comfort	Base M6	1156 - 1205	18/158/258	2542/2682/2782	2524
ECO	Base M6	1206 - 1250	18/158/258	2542/2682/2782	2524

ground rail type 2450		module width [mm]	meas. B [mm]	meas. C [mm]	meas. F [mm]
Comfort/Super Comfort	Base M6	1206 - 1255	18/158/258	2642/2782/2882	2624
ECO	Base M6	1256 - 1300	18/158/258	2642/2782/2882	2624



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Technical data sheet LmR 2.0 ground rail type 2013 EW 10°



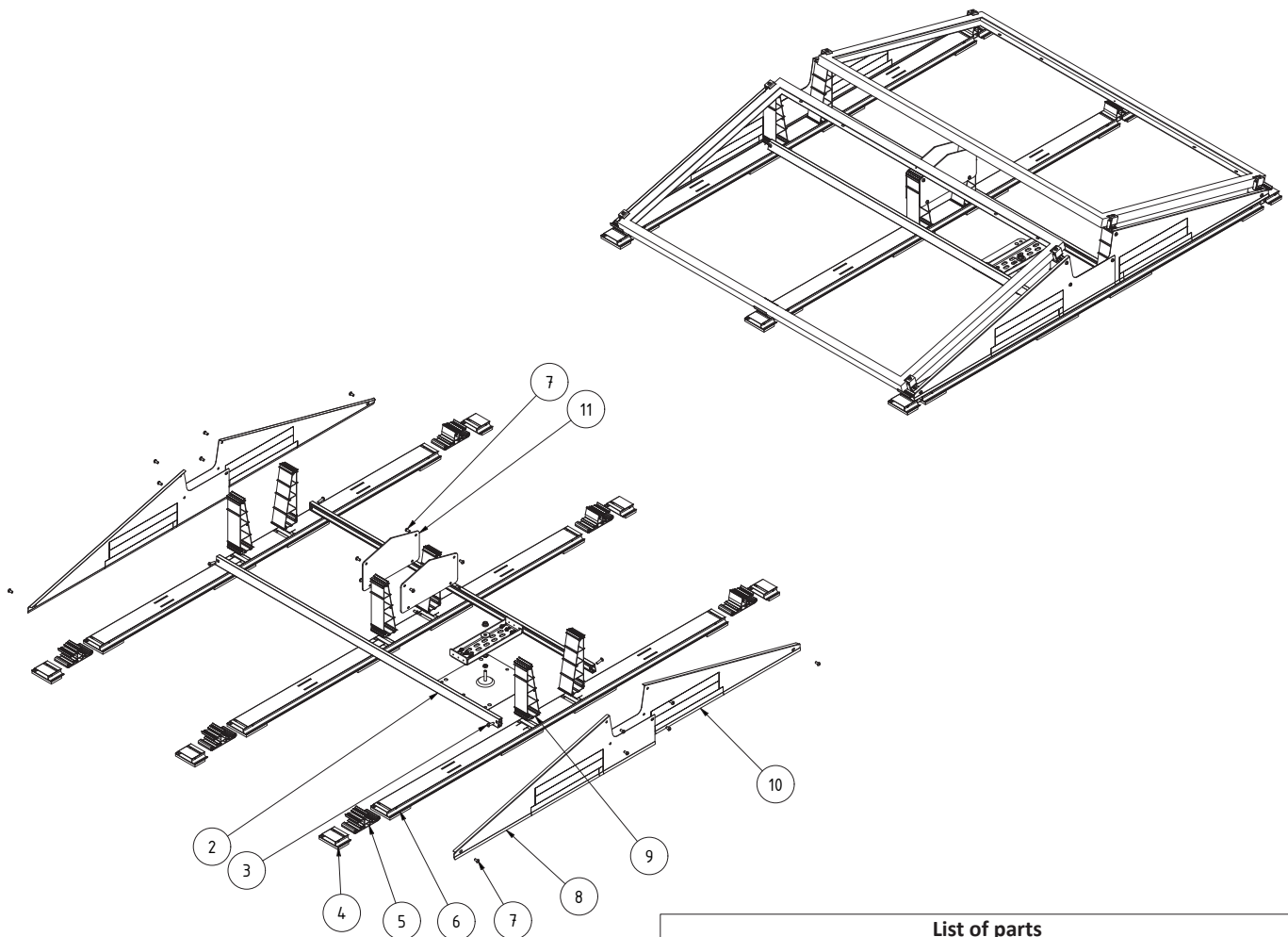
List of parts

OBJECT	ARTICLE NUMBER	DESCRIPTION
2	740-151-388	LmR 2.0 roll-bar type 1682
3	740-151-460	LmR 2.0 screw ISO 7380 A2 hs5 M8x30
4	740-151-374	LmR 2.0 ground rail type 75
5	740-151-384	LmR 2.0 Base 10° l=75 or
5	740-151-816	LmR 2.0 Base M6 10° l=75
6	740-151-767	LmR 2.0 ground rail type 2013
7	740-151-599	LmR 2.0 screw ISO 7380 A2 hs5 M8x16
8	740-151-392 II	LmR 2.0 side panel right EW10° II
9	740-151-385	LmR 2.0 Tower 10° l=75
10	740-151-608 II	LmR 2.0 side panel left EW10° II
11	740-151-872	LmR 2.0 ridge connector Tower EW 10



Supplement assembly instructions LEICHTmount RAIL 2.0 E/W

Technical data sheet LmR 2.0 ground rail type 2013 EW 15°



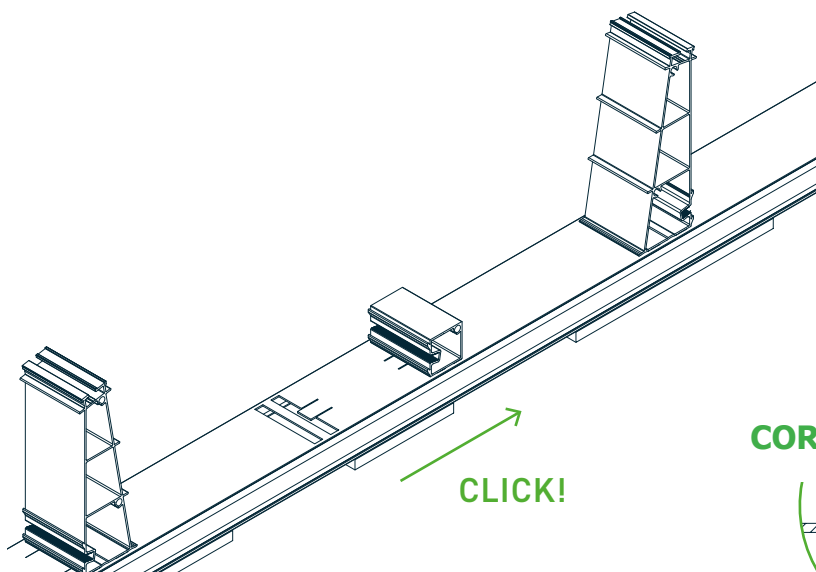
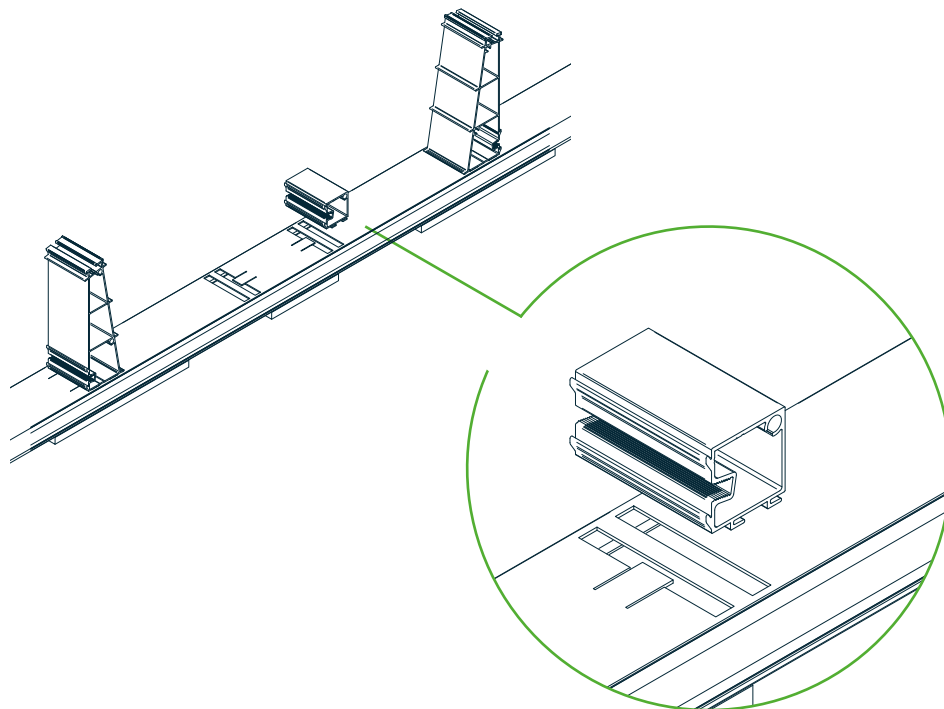
List of parts

OBJECT	ARTICLE NUMBER	DESCRIPTION
2	740-151-388	LmR 2.0 roll-bar type 1682
3	740-151-460	LmR 2.0 screw ISO 7380 A2 hs5 M8x30
4	740-151-374	LmR 2.0 ground rail type 75
5	740-151-722	LmR 2.0 Base 15° l=75 or
5	740-152-194	LmR 2.0 Base M6 15° l=75
6	740-151-767	LmR 2.0 ground rail type 2013
7	740-151-599	LmR 2.0 screw ISO 7380 A2 hs5 M8x16
8	740-151-822	LmR 2.0 side panel left EW15°
9	740-151-676	LmR 2.0 Tower 15° l=75
10	740-151-821	LmR 2.0 side panel right EW15°
11	740-151-873	LmR 2.0 ridge connector Tower EW 15

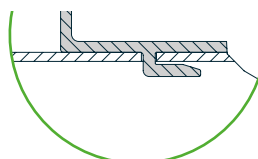


**Supplement assembly instructions
LEICHTmount RAIL 2.0 E/W**

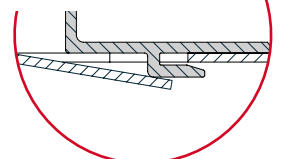
Adapter for roll-bar for attaching the roll-bar and additional screw-on point for side panels (for ground rails 2150 mm / 2250 mm / 2350 mm / 2450 mm).



CORRECT



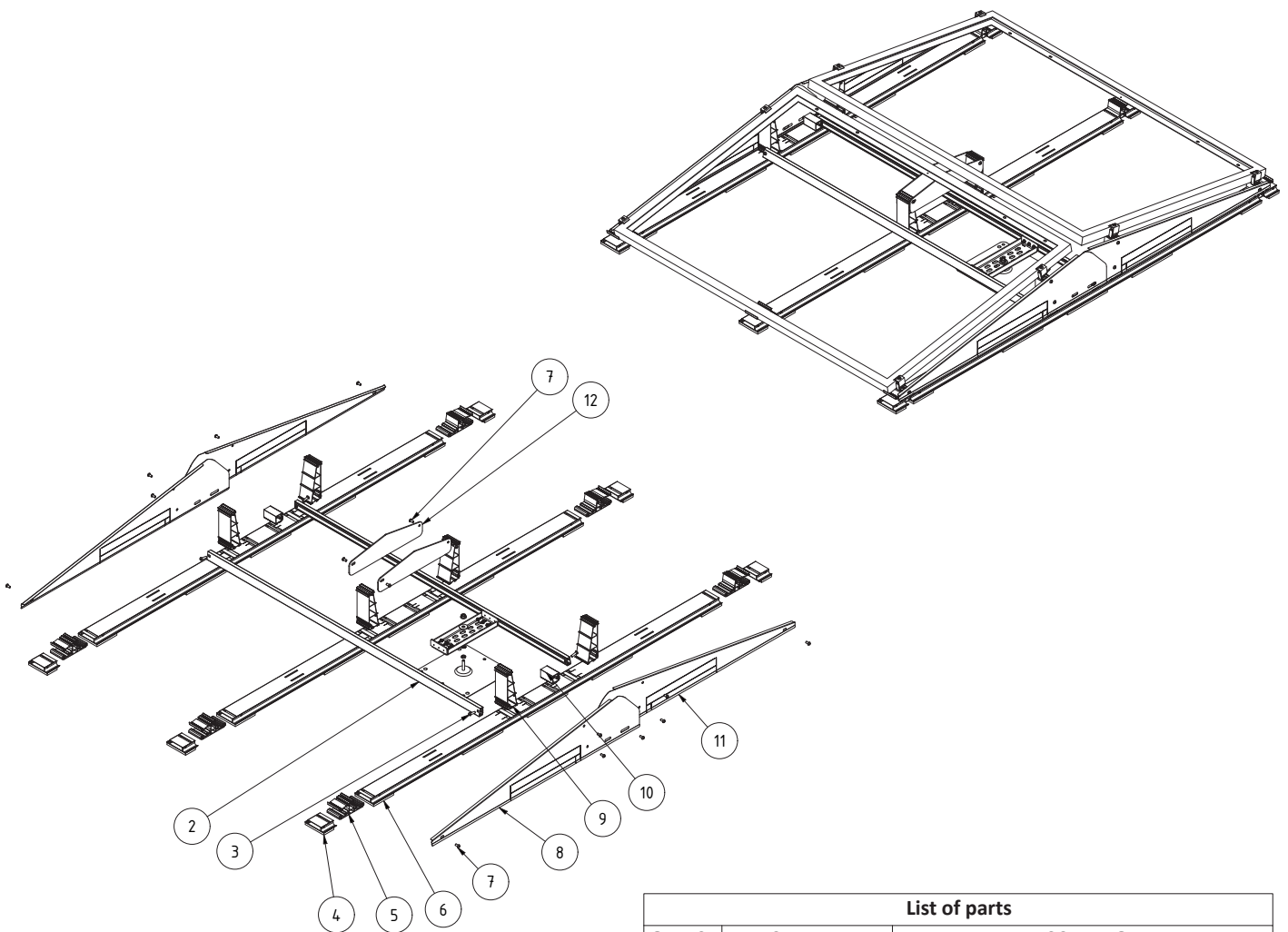
INCORRECT





Supplement assembly instructions LEICHTmount RAIL 2.0 E/W

Technical data sheet LmR 2.0 ground rail type 2150 EW 10°

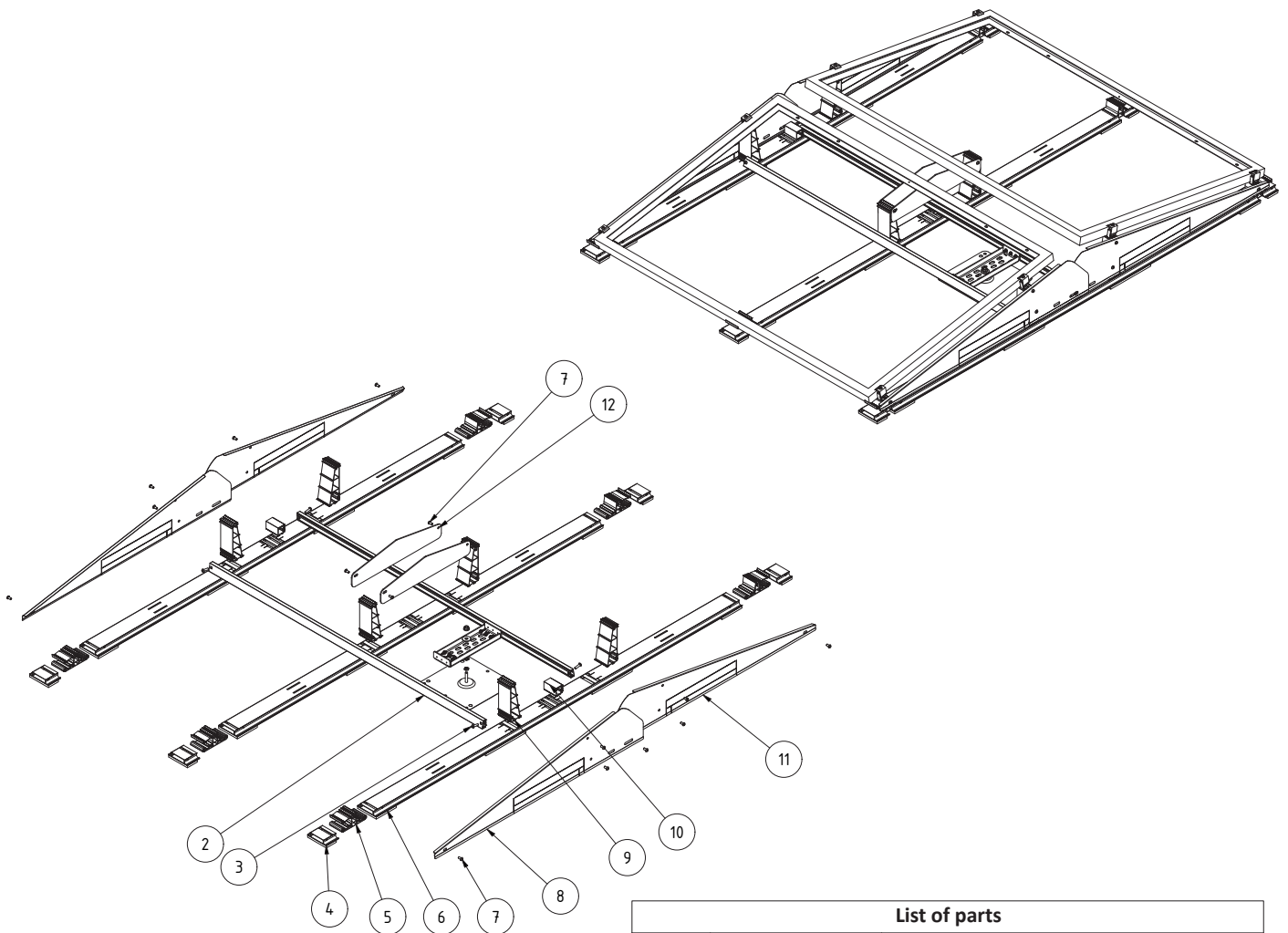


List of parts		
OBJECT	ARTICLE NUMBER	DESCRIPTION
2	740-151-388	LmR 2.0 roll-bar type 1682
3	740-151-460	LmR 2.0 screw ISO 7380 A2 hs5 M8x30
4	740-151-374	LmR 2.0 ground rail type 75
5	740-151-816	LmR 2.0 Base M6 10° l=75
6	740-152-119	LmR 2.0 ground rail type 2150
7	740-151-599	LmR 2.0 screw ISO 7380 A2 hs5 M8x16
8	740-152-741	LmR 2.0 side panel right EW10° 2150
9	740-151-385	LmR 2.0 Tower 10° l=75
10	740-151-962	LmR 2.0 adapter for roll-bar type 75
11	740-152-742	LmR 2.0 side panel left EW10° 2150
12	740-152-767	LmR 2.0 Middle support EW 2150



Supplement assembly instructions LEIGHTmount RAIL 2.0 E/W

Technical data sheet LmR 2.0 ground rail type 2250 EW 10°



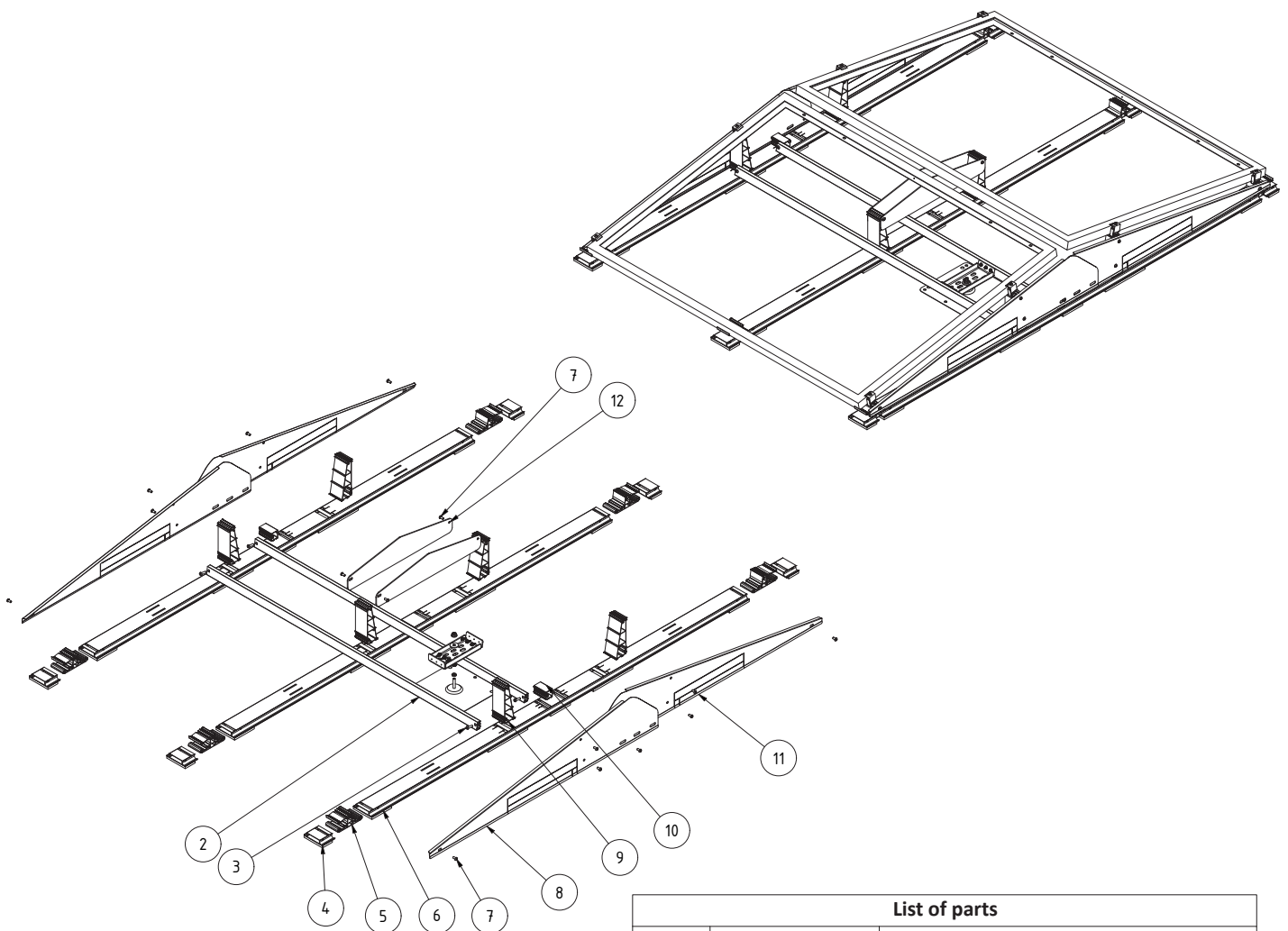
List of parts

OBJECT	ARTICLE NUMBER	DESCRIPTION
2	740-151-388	LmR 2.0 roll-bar type 1682
3	740-151-460	LmR 2.0 screw ISO 7380 A2 hs5 M8x30
4	740-151-374	LmR 2.0 ground rail type 75
5	740-151-816	LmR 2.0 Base M6 10° l=75
6	740-152-576	LmR 2.0 ground rail type 2250
7	740-151-599	LmR 2.0 screw ISO 7380 A2 hs5 M8x16
8	740-152-741	LmR 2.0 side panel right EW10° 2150
9	740-151-385	LmR 2.0 Tower 10° l=75
10	740-151-962	LmR 2.0 adapter for roll-bar type 75
11	740-152-742	LmR 2.0 side panel left EW10° 2150
12	740-152-768	LmR 2.0 Middle support EW 2250



Supplement assembly instructions LEICHTmount RAIL 2.0 E/W

Technical data sheet LmR 2.0 ground rail type 2350 EW 10°



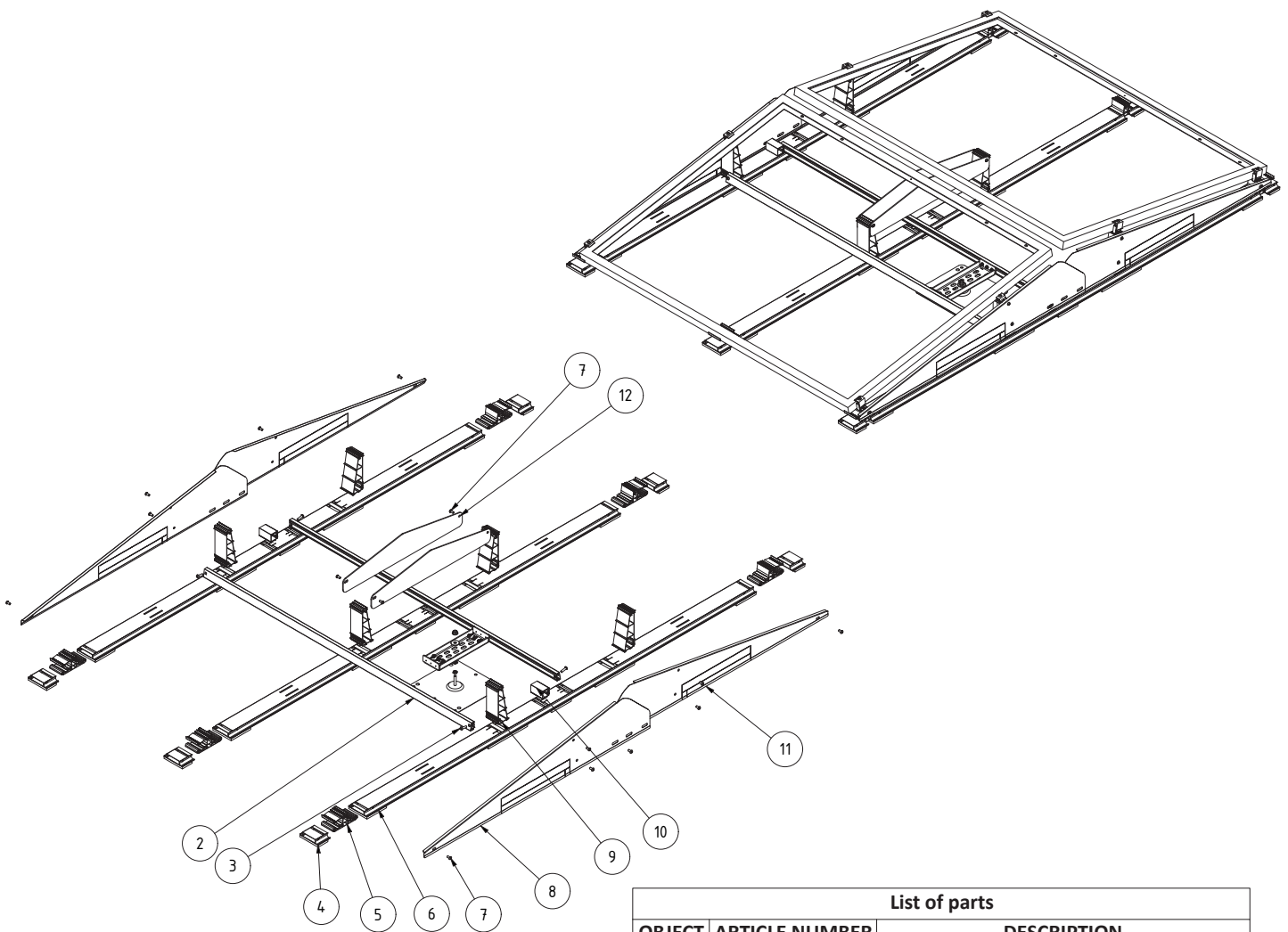
List of parts

OBJECT	ARTICLE NUMBER	DESCRIPTION
2	740-151-388	LmR 2.0 roll-bar type 1682
3	740-151-460	LmR 2.0 screw ISO 7380 A2 hs5 M8x30
4	740-151-374	LmR 2.0 ground rail type 75
5	740-151-816	LmR 2.0 Base M6 10° l=75
6	740-152-745	LmR 2.0 ground rail type 2350
7	740-151-599	LmR 2.0 screw ISO 7380 A2 hs5 M8x16
8	740-152-743	LmR 2.0 side panel right EW10° 2350
9	740-151-385	LmR 2.0 Tower 10° l=75
10	740-151-962	LmR 2.0 adapter for roll-bar type 75
11	740-152-744	LmR 2.0 side panel left EW10° 2350
12	740-152-757	LmR 2.0 Middle support EW 2350



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Technical data sheet LmR 2.0 ground rail type 2450 EW 10°



List of parts

OBJECT	ARTICLE NUMBER	DESCRIPTION
2	740-151-388	LmR 2.0 roll-bar type 1682
3	740-151-460	LmR 2.0 screw ISO 7380 A2 hs5 M8x30
4	740-151-374	LmR 2.0 ground rail type 75
5	740-151-816	LmR 2.0 Base M6 10° l=75
6	740-152-748	LmR 2.0 ground rail type 2450
7	740-151-599	LmR 2.0 screw ISO 7380 A2 hs5 M8x16
8	740-152-743	LmR 2.0 side panel right EW10° 2350
9	740-151-385	LmR 2.0 Tower 10° l=75
10	740-151-962	LmR 2.0 adapter for roll-bar type 75
11	740-152-744	LmR 2.0 side panel left EW10° 2350
12	740-153-002	LmR 2.0 Middle support EW 2450