

### General notes

Please follow the steps of assembly accordingly to the instructions. Each single assembly step is described and illustrated, and furthermore does the **parts lists** indicate the required components for the actual construction step. Carefully observe the notes explaining the various steps of assembly and use only those parts which are provided. This will insure a correct result of assembly.

For easier identification of different screws and washers, on side 2 we are adding an illustration of the **most important parts at original scale**.

### Installation of an RC equipment

The additional installation of Art.-No. 792 „Servo system for servo operation“ allows the operation of two servos (without proportional function). But: You will not need this servo system No. 792 when using the Electrical System „MF-A“, Art.-No. 797. **NOTE:** For a wireless transmission of proportional pulses you will have to install the Electrical System „MF-A“, Art.-No. 797.

### Electrical Installation

If you intend adding the lighting we recommend using the following articles :

- **Electrical System „MF-A“, Art.-No. 797 plus Battery Box incl. battery, Art.-No. 788** if your prime mover is equipped with either the Electrical System „MF“, Art.-No. 796.

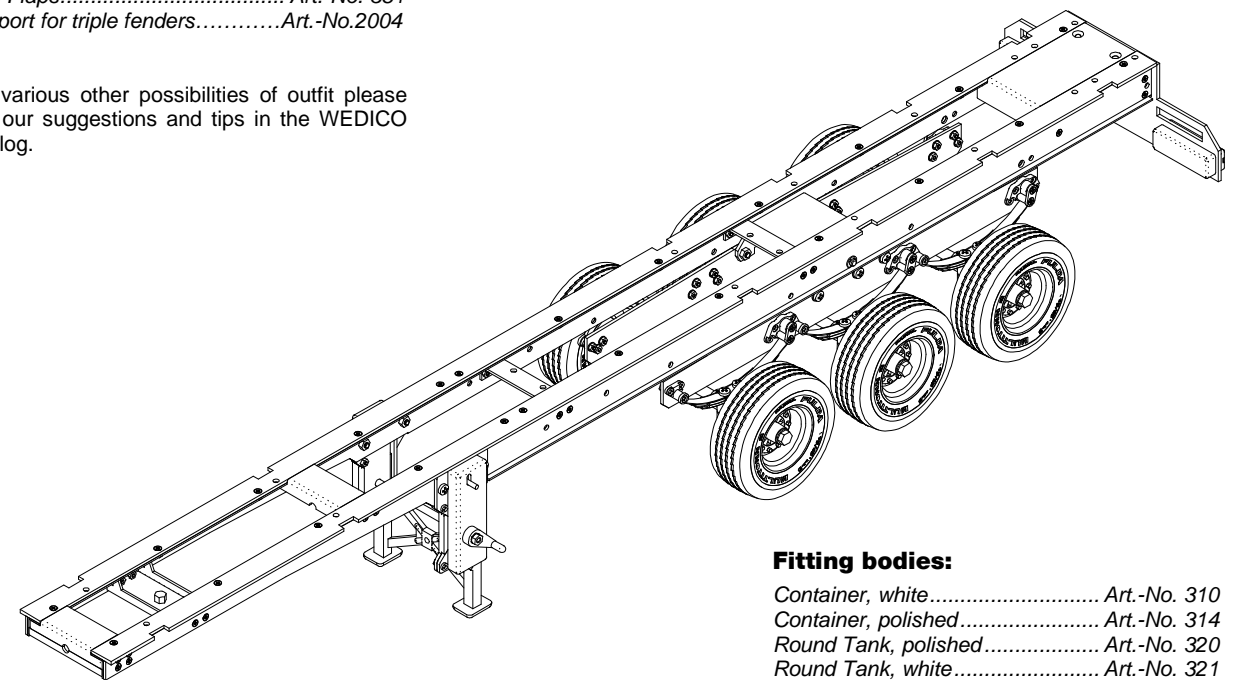
## Professional Semi-trailer Chassis „Europe“

Art.-No. 778 black

### Accessories (options):

Electrical System „MF-A“ ..... Art.-No. 797  
 Battery Box incl. battery..... Art.-No. 788  
 Equipment and Tool Box ..... Art.-No. 402  
 Triple Fenders ..... Art.-No. 376/377  
 Mud Flaps..... Art.-No. 381  
 Support for triple fenders.....Art.-No.2004

For various other possibilities of outfit please find our suggestions and tips in the WEDICO catalog.



### Fitting bodies:

Container, white..... Art.-No. 310  
 Container, polished..... Art.-No. 314  
 Round Tank, polished..... Art.-No. 320  
 Round Tank, white..... Art.-No. 321  
 Oval Tank, polished..... Art.-No. 318  
 Oval Tank, white..... Art.-No. 319

**Tip:** The make-up of this instruction allows putting together your own booklet if you wish so. For this purpose you have to fold and stick the pages as follows::

1. Turn round the **first page** with the **English text facing downwards**, and lay the **next page** on top of the first, with the **English text facing upwards**.
2. Glue the two pages together at the left outer edge (e.g. using adhesive tip) and fold the top page across to the left (with the fold vertically in the middle).
3. Lay the next page on top of the previous one with the English text facing upwards, stick the left outer edges and fold over to the left again as before. Similarly add remaining pages.
4. Finally glue together all pages at the inner edges, too, and fold **the original page over as a cover**, sticking it firmly at the left hand edge.

### Complete list of parts necessary for the assembly (please use EDP-number when ordering spare parts)

| Qty. | Assembly part                | EDP-No. | Qty. | Assembly part                 | EDP-No. | Qty. | Assembly part                 | EDP-No. |
|------|------------------------------|---------|------|-------------------------------|---------|------|-------------------------------|---------|
| 14   | Nut M3 .....                 | 20040   | 1    | Shaft, double landing gear .. | 24440   | 2    | Countersunk screw M2 x 8 ..   | 26688   |
| 1    | Screw M3 x 6 .....           | 20016   | 1    | Landing leg,                  |         | 24   | Countersunk screw M2 x 5 ..   | 25224   |
| 4    | Screw M3 x 8 .....           | 20018   |      | double landing gear .....     | 24442   | 1    | Case-cover -rh- .....         | 24436   |
| 1    | Screw M3 x 16 .....          | 20024   | 1    | Kingpin for                   |         | 1    | Case-cover -lh- .....         | 24437   |
| 8    | Screw M3 x 20 .....          | 20224   |      | metal fifthwheel .....        | 25388   | 1    | Hinge .....                   | 24438   |
| 16   | Washer 3.2.....              | 20046   | 2    | Adhesive pad,                 |         | 8    | Countersunk screw             |         |
| 1    | Serrated washer 3.2 .....    | 20054   |      | double-sided .....            | 20410   |      | M2 x 10 .....                 | 28576   |
| 6    | Hex head screw M4 x 8 ...    | 20036   | 2    | Lamp chamber,                 |         | 4    | Distance sleeve 6x1x6.9..     | 28872   |
| 6    | Washer 4.3 .....             | 20048   |      | 4-chamber light .....         | 25754   | 1    | Frame, inside, -lh-, black .. | 29256   |
| 34   | Washer 2.2 .....             | 21210   | 2    | Frame, 4-chamber light ..     | 25756   | 1    | Frame, inside, -rh-, black .. | 29258   |
| 2    | Retaining washer 3.2.....    | 20058   | 2    | Reflector, 4-ch.-light .....  | 25758   | 1    | Rail, bottom, -lh-, black ..  | 29260   |
| 1    | Ball bolt M3 .....           | 20170   | 2    | Lens orange, 4-ch.-light..    | 25750   | 1    | Rail, bottom, -rh-, black ..  | 29262   |
| 1    | Ball socket .....            | 20172   | 5    | Lens red, 4-ch.-light.....    | 25752   | 1    | Frame, outside, -lh-,         |         |
| 1    | Threaded rod M2 x 50 ...     | 20268   | 1    | Lens clear, 4-ch.-light ..... | 25748   |      | black .....                   | 29264   |
| 4    | Screw M3 x 10 .....          | 20020   | 1    | Cap nut M3, DIN 917.....      | 25232   | 1    | Frame, outside, -rh-,         |         |
| 1    | Countersunk screw            |         | 4    | Countersunk tapping           |         |      | black .....                   | 29266   |
|      | M3 x 12 .....                | 20032   |      | screw 2.2 x 6.5.....          | 26252   | 1    | Servo angle 1 .....           | 29226   |
| 3    | Rear axle 144mm .....        | 20126   | 6    | Spring big, "NF".....         | 26000   | 1    | Servo angle 2 .....           | 29228   |
| 12   | Spring carrier, plastic..... | 20138   | 6    | Spring medium, "NF" .....     | 26002   | 2    | Crossmember, top, black ..    | 29268   |
| 1    | Shaft for fifthwheel .....   | 20012   | 6    | Spring small, "NF".....       | 26004   | 1    | Crossmember, bottom,          |         |
| 54   | Nut M2 .....                 | 21208   | 12   | Spring plate .....            | 25816   |      | black .....                   | 29270   |
| 20   | Screw M2 x 6 .....           | 21268   | 6    | Spring support, big .....     | 25790   | 1    | Traverse king pin, black...   | 29272   |
| 2    | Screw M2 x 8 .....           | 21269   | 2    | Spring support, small .....   | 25808   | 2    | Support for battery box,      |         |
| 1    | Coil spring for lever .....  | 20260   | 6    | Distance bushing .....        | 25810   |      | black .....                   | 29274   |
| 1    | Kingpin for                  |         | 6    | Spring joint .....            | 25812   | 1    | End traverse , black .....    | 29276   |
|      | standard fifthwheel.....     | 20188   | 6    | Cap for spring joint .....    | 25814   | 2    | Axle carrier 3 for profes-    |         |
| 1    | Crank .....                  | 22648   | 34   | Screw M2 x 5 .....            | 26238   |      | sional semi-trailer           |         |
| 2    | Gear wheel, 12 teeth, grey   | 25112   | 6    | Screw M2 x 12 .....           | 26240   |      | chassis, black .....          | 29278   |
| 1    | Washer 3.2 large .....       | 22900   | 34   | Countersunk screw             |         | 1    | Slewing carrier, black .....  | 29282   |
| 4    | Screw M2 x 10 .....          | 26902   |      | M2 x 6 .....                  | 26248   | 1    | Tail plate for "Europe"-      |         |
| 2    | Countersunk screw M3 x 8 ..  | 20030   | 1    | Fork head.....                | 20400   |      | type, polished .....          | 29235   |
| 1    | Case with long hole .....    | 24432   | 6    | Wide tyre "Multitonn 2" ..    | 26260   | 1    | Cable cover .....             | 29246   |
| 1    | Case without long hole ..... | 24434   | 6    | Rim f. wide tyre, long shaft. | 26419   | 8    | Cable plate .....             | 29176   |

S-737-0

### Technical description

|                     |  |
|---------------------|--|
| <b>Chassis</b>      | 1,5-2mm strong aluminium panel parts. High impact plastic components. 3-part leaf spring packages made of stainless steel on all axles. Wide tyres made of soft rubber with reproduction of original tread pattern, chromed rims. Double landing leg adjustable of height. Tail plate with integrated 4-chamber rear lights. All individual parts are screwed. All models may be dismounted and reassembled again. |
| <b>Colour</b>       | Powder coat painted in black. Excellent base when repainting for special purposes.   |
| <b>Measurements</b> | Length over all ..... 790 mm<br>Width over all ..... 160 mm<br>Height ..... ca. 95-105 mm<br>Weight ..... 1,2 kg   |

### Dear modelling enthusiast!

We are glad that you have decided on one of the precious WEDICO truck models! For the manufacture of individual parts WEDICO uses durable materials of high quality - rarely to find in these days. This guarantees durability and enjoyment of your model for years to come.

If you should ever require replacement parts, please get in touch with your dealer or directly with WEDICO. For order purpose it is important using not only those EDP-numbers mentioned within the general parts list but also indicating the necessary details concerning colour, quantity and exact term of the spares required. You may be assured that WEDICO will supply the replacement part as quick as possible.

Enjoy assembling your truck!

Your WEDICO-Team



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**Screws, washers, etc. at scale 1:1**

|  |  |
|--|--|
|  | <b>M4 x 8</b><br>Art.-No. 20036                          |
|  | <b>M3 x 20</b><br>Art.-No. 20224                         |
|  | <b>M3 x 16</b><br>Art.-No.20024                          |
|  | <b>M3 x 8</b><br>Art.-No. 20018                          |
|  | <b>M3 x 6</b><br>Art.-No.20016                           |
|  | <b>M2 x 12</b><br>Art.-No. 26240                         |
|  | <b>M2 x 8</b><br>Art.-No. 21269                          |
|  | <b>M2 x 6</b><br>Art.-No. 21268                          |
|  | <b>M2 x 5</b><br>Art.-No. 26238                          |
|  | <b>Countersunk screw M3 x 8</b><br>Art.-No. 20030        |
|  | <b>Countersunk screw M3 x 12</b><br>Art.-No. 20032       |
|  | <b>Countersunk screw M2 x 10</b><br>Art.-No. 28576       |
|  | <b>Countersunk screw M2 x 8</b><br>Art.-No. 26688        |
|  | <b>Countersunk screw M2 x 6</b><br>Art.-No. 26248        |
|  | <b>Countersunk screw M2 x 5</b><br>Art.-No. 24224        |
|  | <b>Counters. tapp. screw 2.2 x 6.5</b><br>Art.-No. 26252 |
|  | <b>Nut M3</b><br>Art.-No. 20040                          |
|  | <b>Nut M2</b><br>Art.-No. 21208                          |
|  | <b>Washer 4.3</b><br>Art.-No. 20048                      |
|  | <b>Washer 3.2</b><br>Art.-No. 20046                      |
|  | <b>Washer 2.2</b><br>Art.-No. 21210                      |
|  | <b>Serrated washer 3.2</b><br>Art.-No. 20054             |

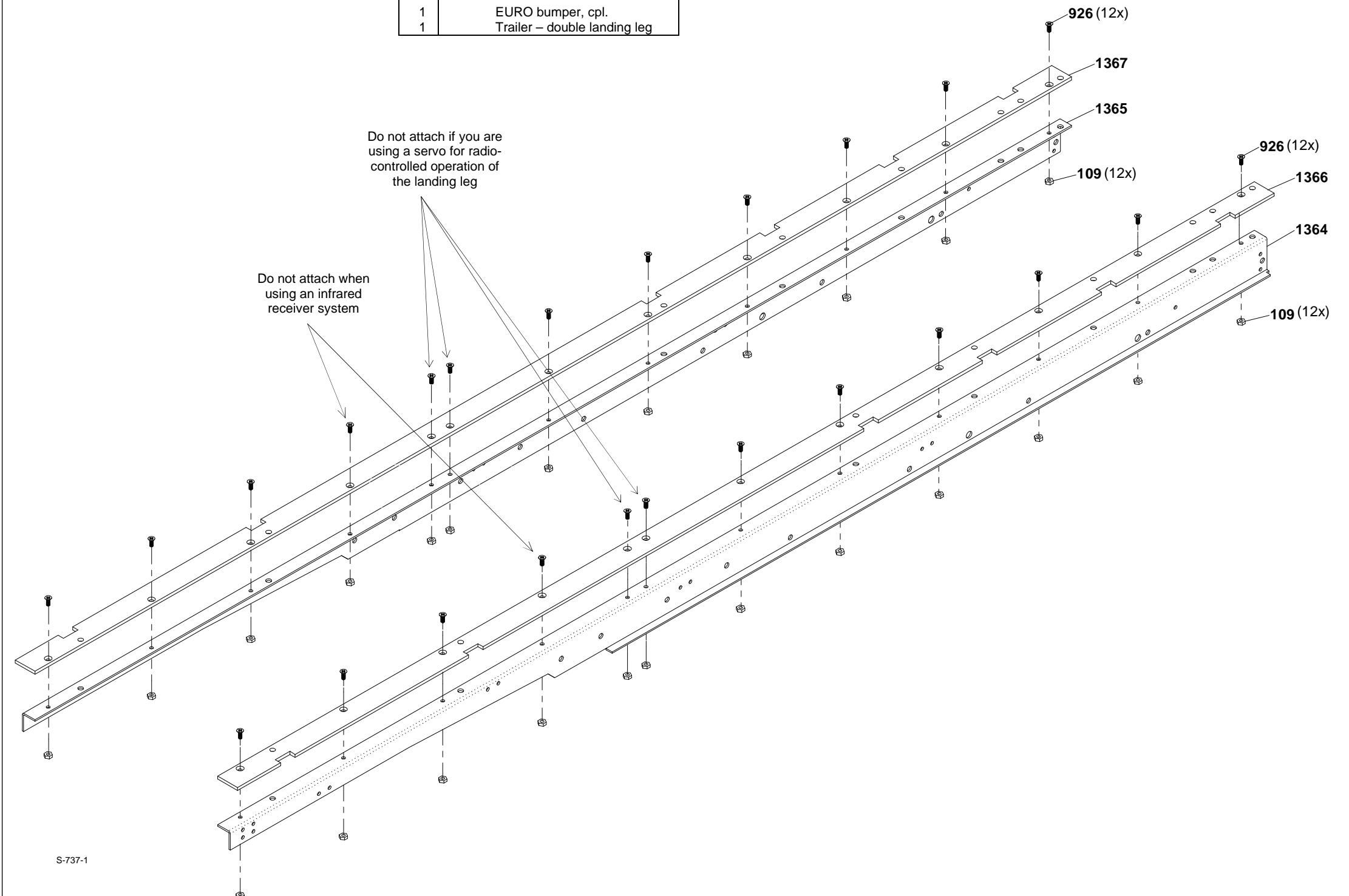
Assembly step 1 - frame

| Qty. | No.   | Assembly part                |
|------|-------|------------------------------|
| 4    | 20018 | Nut M3x8                     |
| 2    | 20030 | Countersunk screw M3x8       |
| 6    | 20040 | Nut M3                       |
| 20   | 21208 | Nut M2                       |
| 2    | 22900 | Washer 3,2                   |
| 1    | 25388 | King pin                     |
| 1    | 25742 | Screw M3x16                  |
| 1    | 25786 | End traverse                 |
| 20   | 26238 | Screw M2x5                   |
| 3    | 30124 | Traverse                     |
| 1    | 30568 | Stop screw M3                |
| 1    | 30692 | Frame -rh-                   |
| 1    | 30694 | Frame -lh-                   |
| 1    |       | EURO bumper, cpl.            |
| 1    |       | Trailer - double landing leg |

Weitere Texte für diese Seite – siehe separates Dokument !!!

**1 Premounting the frame**

Start by mounting the left rail 1366 underneath the left-hand frame 1364; for this purpose use twelve countersunk screws 926 plus nuts 109. Similarly fix then the right-hand rail 1367 underneath the right-hand frame 1365.



Diese Seite habe ich übersprungen, weil der Punkt 3 f. Art. 778 „MONTAGE FEDERN“ ist. Der befindet sich hier auf Seite 4 – wo's weitergeht.

## 2 Assembly of the frame

Dieser Punkt ist entfällt bei Modell 778

Along with the traverses attach the left-hand frame 1368 respect. the right-hand frame 1369 onto the outer side of the inner frames.

With countersunk screws 776 and nuts 109 first mount the following metal parts to the inside on the left-hand main frame: Fore upper crossmember 1372, the traverse king pin 1374, the second upper crossmember 1372, both supports 1375 as well as the end traverse 1376. Similarly screw up the right-hand frame with the traverses.

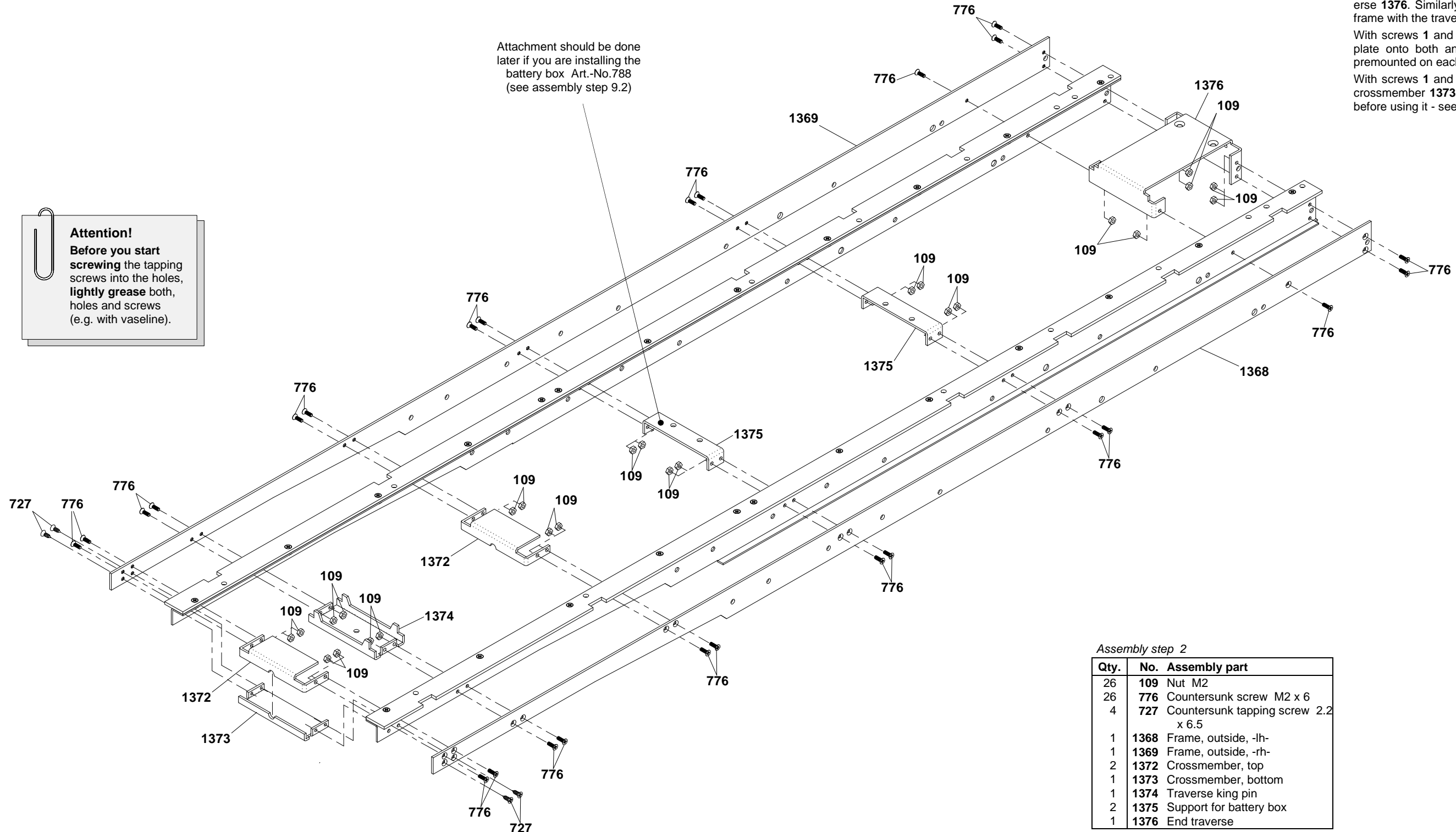
With screws 1 and nuts M3 attach the cross plate onto both angles you have therefore premounted on each of the frame sides.

With screws 1 and nuts M3 attach the lower crossmember 1373 (lightly grease the screw before using it - see special note).

Attachment should be done later if you are installing the battery box Art.-No.788 (see assembly step 9.2)

### Attention!

Before you start screwing the tapping screws into the holes, **lightly grease** both, holes and screws (e.g. with vaseline).



Assembly step 2

| Qty. | No.  | Assembly part                       |
|------|------|-------------------------------------|
| 26   | 109  | Nut M2                              |
| 26   | 776  | Countersunk screw M2 x 6            |
| 4    | 727  | Countersunk tapping screw 2.2 x 6.5 |
| 1    | 1368 | Frame, outside, -lh-                |
| 1    | 1369 | Frame, outside, -rh-                |
| 2    | 1372 | Crossmember, top                    |
| 1    | 1373 | Crossmember, bottom                 |
| 1    | 1374 | Traverse king pin                   |
| 2    | 1375 | Support for battery box             |
| 1    | 1376 | End traverse                        |



### 3 Assembly of the big leaf springs

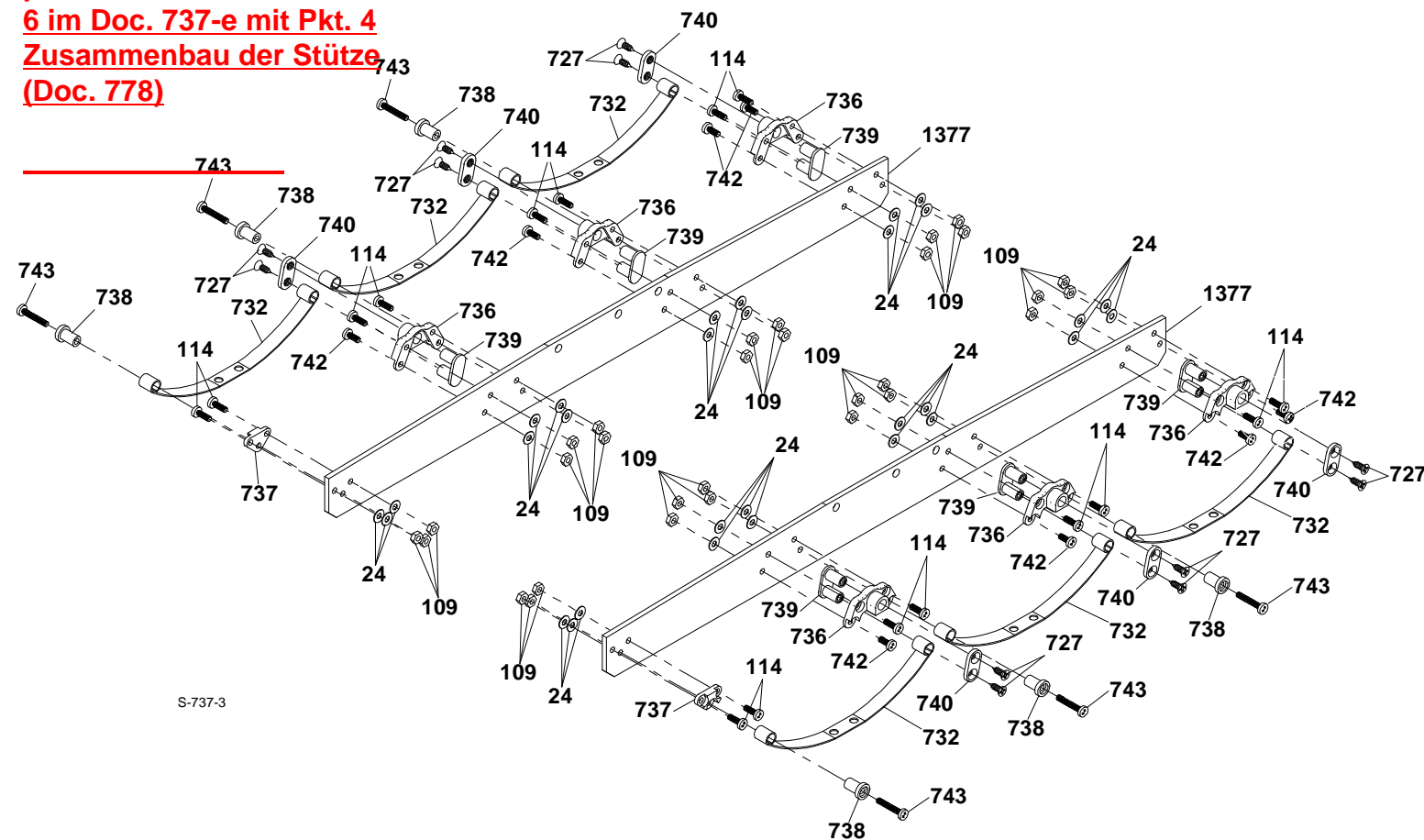
Pin the 6 spring joints **25812** from behind into the 6 big spring supports **25790** and mount the spring supports with screws **21268** respect. **26238**, washers **21210** and nuts **21208** onto the axle carriers **30596**, resp. **30598**. Add also the two small spring supports **25808** using screws **21268**, washers **21210** and nuts **21208**.

Now insert one distance bushing **25810** each into the eye of the springs **26000** and fix the distance bushings with the screws **26240**, the washers **21210** and the nuts **21208** to the spring supports, previously fixed to the axle carriers. Press the rear eyes of the springs onto the lower bushing of the spring joints **25812** and then fix both -spring and spring joint- with each one cap **25814** and screw **26252**.

#### Assembly step 3 Springs

| Qty. | No.   | Assembly part         |
|------|-------|-----------------------|
| 30   | 21208 | Nut M2                |
| 30   | 21210 | Washer 2.2            |
| 16   | 21268 | Screw M2 x 6          |
| 6    | 25790 | Spring support, big   |
| 2    | 25808 | Spring support, small |
| 6    | 25810 | Distance bushing      |
| 6    | 25812 | Spring joint          |
| 6    | 26000 | Spring big, "NF"      |
| 6    | 25814 | Cap for spring joint  |
| 8    | 26238 | Screw M2 x 5          |
| 6    | 26240 | Screw M2 x 12         |
| 1    | 30596 | Axle carrier - rh-    |
| 1    | 30598 | Axle carrier - lh-    |

**ENDE SEITE 3 - 778.Doc Punkt 2 (bei Art. 737 = Pkt. 5) befindet sich auf der separaten Seite. Weiter Seite 6 im Doc. 737-e mit Pkt. 4 Zusammenbau der Stütze (Doc. 778)**

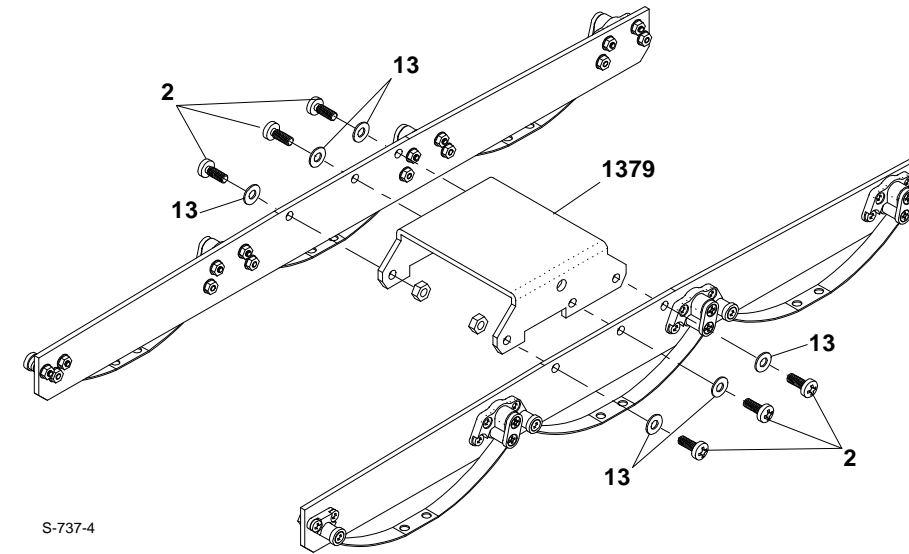


### 4 Assembly of the slewing carrier

#### Assembly step 4

| Qty. | No.  | Assembly part   |
|------|------|-----------------|
| 6    | ---  | Nut M3          |
| 6    | 2    | Screw M3 x 8    |
| 6    | 13   | Washer 3.2      |
| 1    | 1379 | Slewing carrier |

Use screws **2**, washers **13** and nuts **M3** to mount the slewing carrier **1379** between both axle carriers.



### 5 Mounting the lamps

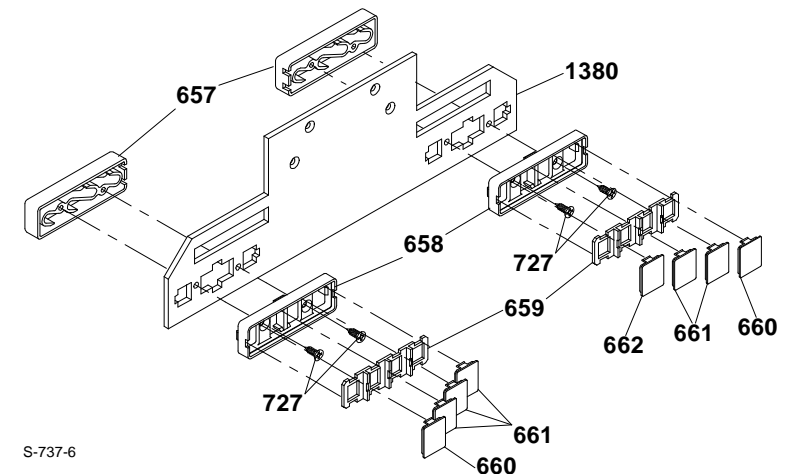
#### Assembly step 5

| Qty. | No.  | Assembly part                          |
|------|------|--|
| 2    | 657  | Lamp chamber, 4-ch.-light              |
| 2    | 658  | Frame, 4-chamber light                 |
| 2    | 659  | Reflector, 4-chamber light             |
| 2    | 660  | Lens orange, 4-chamber light           |
| 5    | 661  | Lens red, 4-chamber light              |
| 1    | 662  | Lens clear, 4-chamber light            |
| 4    | 727  | Countersunk tapping screw 2.2 x 6.5    |
| 1    | 1380 | Tail plate for "Europe"-type, polished |

→ **When installing an Electrical System:** First insert the bulbs in the lamp caps **657**. When assembling take particular care that the bulb cables are not clamped; this could cause a short circuit!

Lay both frames **658** into the tail plate **1380** and screw them onto the light chambers **657** using screws **727**. Then lay the reflectors **659** into the frames; accordingly to the drawing press now the lenses **660**, **661** and **662** into the frames.

**Siehe Extra-Seite !**



## 6 Tail plate and Triple Fenders

### 6.1 Fixing the tail plate

Once you have finished the tail plate, fix it onto the rear frame part using screws **776** and nuts **M3**.

### 6.2 Attachment of the Triple Fenders, Art.-No. 376/377

If you wish to add the triple fenders, you will need the special **Adapter for 2- and 3-Axle Fenders, Art.-No. 2004**. Mount the fenders using screws **333**, washers **13** and bushings **1299**.

Should you furthermore want to add the **Trailing Axle System with Lift, Art.-No. 742** please use the longer screws **743** also supplied with this kit.

**Triple Fenders, Art.-No. 376/377 with Mud Flaps, Art.-No. 381**  
(only when adding at the same time the Trailing Axle with Lift No. 742)

**Battery Box incl. battery, Art.-No. 788**

#### Assembly step 6

| Qty. | No.  | Assembly part               |
|------|------|-----------------------------|
| 4    | 13   | Washer 3.2                  |
| 4    | 109  | Nut M2                      |
| 4    | 333  | Screw M2 x 10               |
| 4    | 743  | Screw M2 x 12               |
| 4    | 776  | Countersunk screw M2 x 6    |
| 4    | 1299 | Distance sleeve 6 x 1 x 6.9 |

Recesses provided for the coiled cable with its 6-pole socket belonging to the Electrical System, Art.-No. 784

Angle support for IR-Receiver Diode  
IR-Receiver Diode  
Adhesive pad doublesided

**Infrared Systems, Art.-No. 791 or 797**

## 7 Notes for the installation of Electrical Systems

All items marked by a figure make part of this kit, while all other components just marked by their name contain in the Electrical System kits.

Lead the wires underneath the frame rearwards to the controlling- and lighting PCB. Replace a few of the countersunk screws **926** mentioned in chapter 2 by the longer countersunk screws **M2 x 10**.

Embed the cables between frame and screw ends, and fix them using the cable plates therefore provided and additional nuts **109**.

### 7.1 How to fix the support for circuit board along with the cover

Screw the threaded bushings **M3** with countersunk screws **355** (plus nuts **M3** for the short threaded bushings) underneath the frame.

**NOTE:** The PCB support may be fixed only after having mounted the superstructure onto the frame (see chapter 10).

With four adhesive pads glue then the PCB support underneath the tail crossmember; make sure that the existent nuts -which serve for the body attachment- will fit the springs on the PCB support. Use screws **M3 x 8** to fix the cable cover **1382** onto the bushings underneath the frame.

### 7.2 Attachment of the battery box (included with Art.-No. 788)

Start by attaching the charging socket and the switch (see corresponding instructions for No. 788); then lay the battery into the battery box. From underneath slide the battery box over the premounted support; afterwards fix the second support **1374** (see chapter 2) onto the frame. Accordingly to the drawing, you now may attach the floor plate.

### 7.3 Installation of the infrared receiver diode (included with Art.-Nos. 791 respect. 797)

Lead the cable of the IR-Receiver Diode through the opening on the angle support, underneath the frame rearwards to the circuit board. Use adhesive pad cut to size, in order to fix the IR-Receiver Diode onto the angle support. Afterwards screw the angle support onto the frame (see illustration). For this purpose use screws **907**, washers **24** and nuts **109**.

#### Assembly step 7

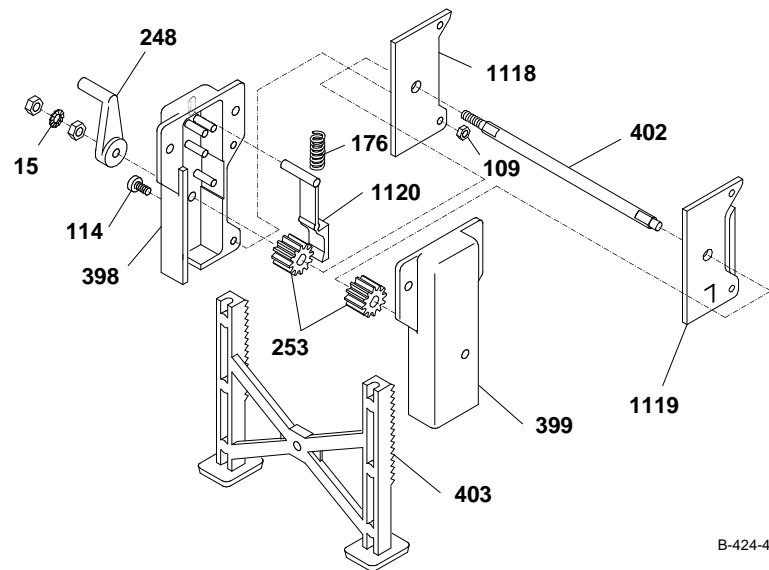
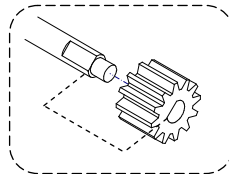
| Qty. | No.  | Assembly part              |
|------|------|----------------------------|
| 2    | ---  | Nut M3                     |
| 4    | 13   | Washer 3.2                 |
| 2    | 24   | Washer 2.2                 |
| 10   | 109  | Nut M2                     |
| 2    | 355  | Countersunk screw M3 x 8   |
| 2    | 655  | Adhesive pad, double-sided |
| 2    | 907  | Countersunk screw M2 x 8   |
| 8    | 1260 | Countersunk screw M2 x 10  |
| 1    | 1382 | Cable cover                |
| 8    | 1383 | Cable plate                |

S-737-8

#### 4. Assembly of the double landing gear

Assembly step 4

| Qty. | No.   | Assembly part             |
|------|-------|---------------------------|
| 2    | 20040 | Nut M3                    |
| 1    | 20054 | Serrated washer 3.2       |
| 4    | 21208 | Nut M2                    |
| 4    | 21268 | Screw M2 x 6              |
| 1    | 20260 | Coil spring for lever     |
| 1    | 22648 | Crank                     |
| 2    | 25112 | Gear wheel 12 teeth, grey |
| 1    | 24432 | Case with long hole       |
| 1    | 24434 | Case without long hole    |
| 1    | 24440 | Shaft                     |
| 1    | 24442 | Landing leg               |
| 1    | 24436 | Case-cover -rh-           |
| 1    | 24437 | Case-cover -lh-           |
| 1    | 24438 | Hinge                     |



B-424-4b

The crank 22648 may be installed either on the right hand or on the left hand side. The position of the shaft depends from that of the crank, as the thread end of the shaft must always face to the crank.

→ **When installing an automatic servo operation:** Do not mount the hinch 24438 and the spring 20260.

First set both case covers 24436 and 24437 onto the shaft 24440. Slide then both gear wheels 25112 that way onto the shaft, that the flattenings do correctly fit and sit flush with the shaft collar (see top right-hand drawing). Insert the shaft ends into the bore holes of the cases 24432 and 24434, then set the hinge 24438 as well as the spring 29260 in place and fix the covers with screws 21268 and nuts 21208 onto the case.

Press now one nut M3 into the crank 22648 and turn the crank onto the thread of the shaft, and fix it with one serrated washer 20046 and nut M3. Tighten the nut towards the crank. You may now insert the landing gear 24442 from underneath.

...When lowering the landing gear the gear wheel will be released automatically by the hinge. For releasing the gear wheel when raising the landing gear slide the hinge upwards.



Es fehlt der Zeigefinger!  
Hab ich nicht gefunden.

#### 8 Assembly of the rear axles

Press one each M3 nut into the hexagonal recesses at the lower spring carriers 70. The rear axles 68 can now be mounted together with the spring carriers, screws 5, medium spring leaves 733, short spring leaves 734 and spring plates 735 onto those springs added to the axle carriers. These screws 5 should be tightened only after the assembly of the wheels (see chapter 10.3).

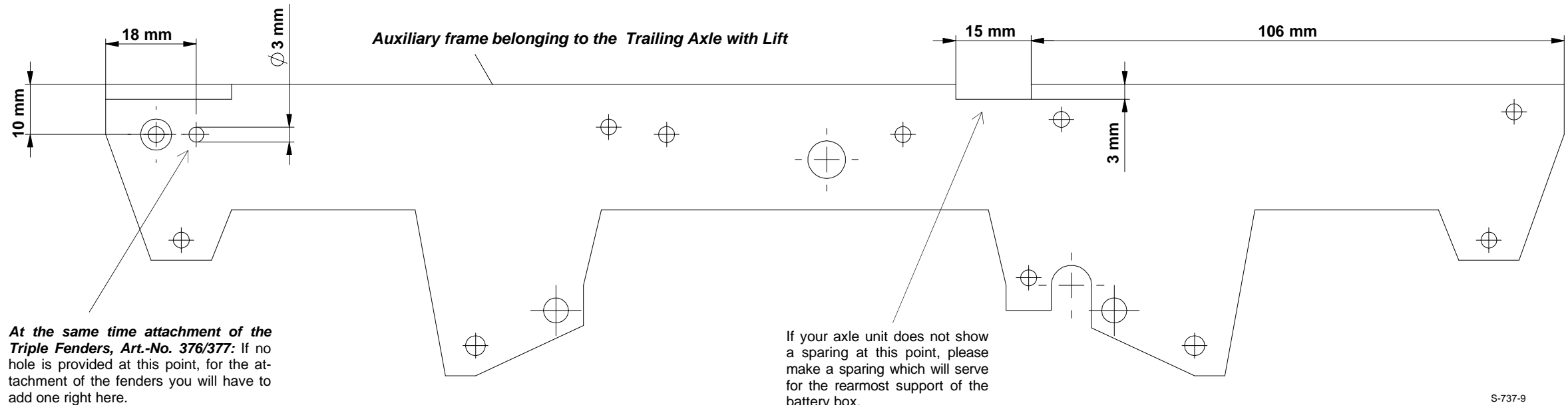
⚠ Ensure that the sides of the spring carrier 70 marked by an "M" are mounted towards the wheel.

| Qty. | No. | Assembly part           |
|------|-----|-------------------------|
| 12   | --- | Nut M3                  |
| 12   | 5   | Screw M3 x 20           |
| 3    | 68  | Rear axle               |
| 12   | 70  | Spring carrier, plastic |
| 6    | 733 | Spring medium, "NF"     |
| 6    | 734 | Spring small, "NF"      |
| 12   | 735 | Spring plate            |

Assembly step 8

S-737-5

→ As an alternative, should you wish to install the **Trailing Axle with Lift, Art.-No. 742**, please refer to the special notes.





## 10 Final completion

### 10.1 Mounting the kingpin

Fix then the individual parts for the king pin with cap nut **700** underneath the traverse therefore provided. Depending on the type of fifthwheel you are using on your prime mover, use either screw **4** to mount the kingpin **180** provided for the standard fifthwheel, or use washer **315** and countersunk screw **65** to fix the kingpin **643** provided for the aluminium fifthwheel.

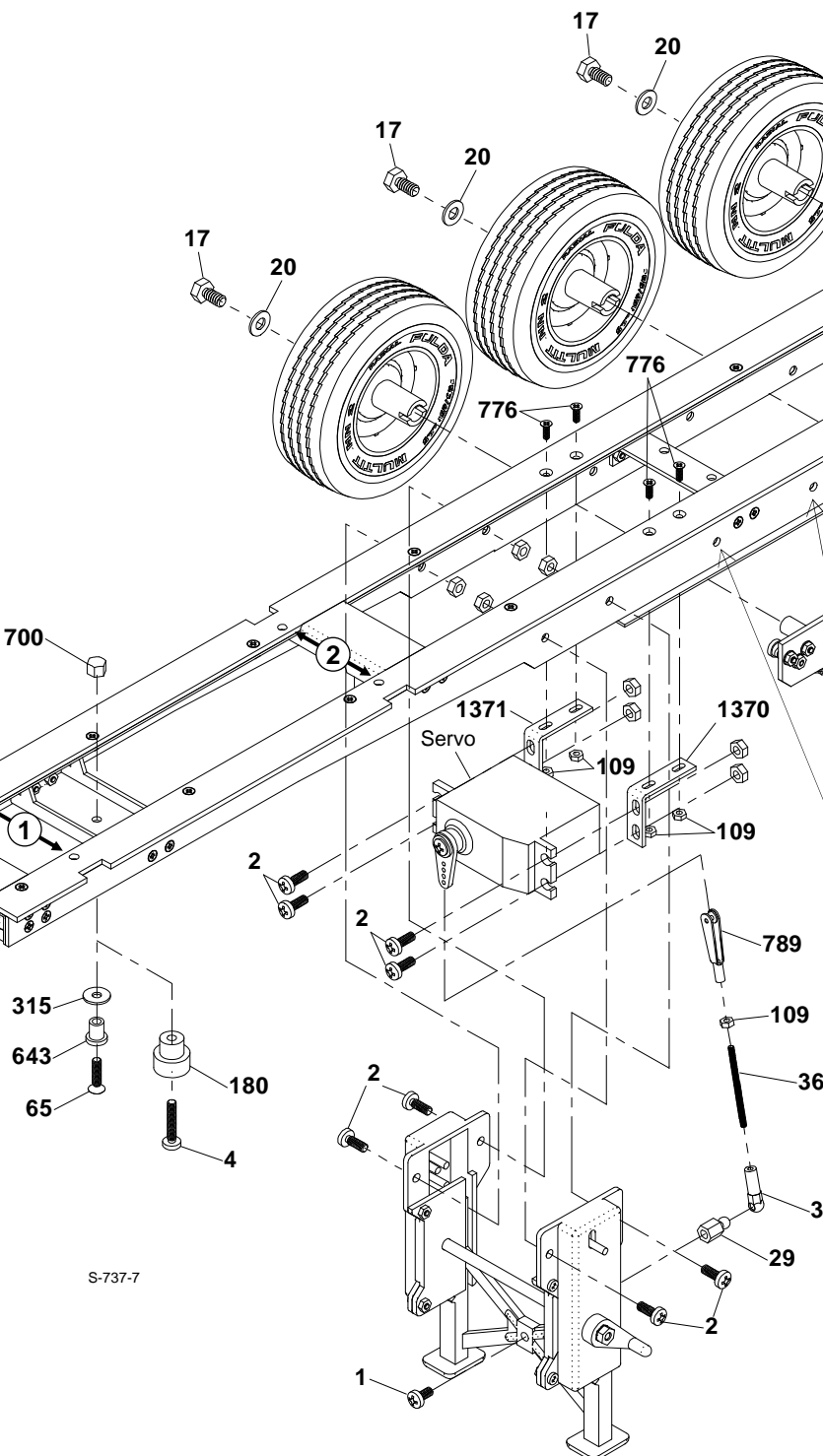
Assembly step 10.1

| Qty. | No. | Assembly part                   |
|------|-----|---------------------------------|
| 1    | 4   | Screw M3 x 16                   |
| 1    | 65  | Countersunk screw M3 x 12       |
| 1    | 180 | Kingpin for standard fifthwheel |
| 1    | 315 | Washer 3.2 large                |
| 1    | 643 | Kingpin for metal fifthwheel    |
| 1    | 700 | Cap nut M3, DIN 917             |

### 10.2 Attachment of the double landing gear

Mount the cases of the premounted landing leg onto the frame using screws **2** and nuts M3.

→ **When installing an automatic servo operation for the landing leg:** Use screws **1** to add the ball bolt **29** to the landing leg. With screws **2** and nuts M3 mount then the servo angles **1370** and **1371** onto the frame. (The attachment of the servo angles as shown in the illustration means a screw gauge for servo of 49mm; the side-inverted attachment will mean a screw gauge of 47mm.) Fix the servo (see note) to the servo angles; for this purpose use screws **2** and nuts M3. You probably will have to adjust (shorten) the length of the threaded rod **36**. For the correct length check as follows: (a) By full extension of the landing leg the semi-trailer becomes a bit lifted out of the fifthwheel. (b) The servo arm shows vertically downwards. For this purpose mount the ball socket **30**, the fork head **789** along with nut **109** onto the threaded rod, clip the ball socket onto the ball bolt and insert the fork head into the outer hole of the servo arm until it catches.



Assembly step 10.2

| Qty. | No.  | Assembly part            |
|------|------|--------------------------|
| 8    | ---  | Nut M3                   |
| 1    | 1    | Screw M3 x 6             |
| 8    | 2    | Screw M3 x 8             |
| 1    | 29   | Ball bolt M3             |
| 1    | 30   | Ball socket              |
| 1    | 36   | Threaded rod M2 x 50     |
| 1    | 109  | Nut M2                   |
| (4)  | 109  | Nut M2                   |
| 4    | 776  | Countersunk screw M2 x 6 |
| 1    | 789  | Fork head                |
| 1    | 1370 | Servo angle 1            |
| 1    | 1371 | Servo angle 2            |

S-737-7

Assembly step 10.3

| Qty. | No. | Assembly part                 |
|------|-----|-------------------------------|
| 6    | 17  | Hex head screw M4 x 8         |
| 6    | 20  | Washer 4.3                    |
| 6    | 869 | Wide tyre "Multitonn 2"       |
| 6    | 871 | Rim for wide tyre, long shaft |

### 10.3 Mounting the wheels

**Note:** Sometimes it happens that the chromed rims sit too tightly on the axle (work tolerance); in this case remove a bit the chrome inside the rims, and lightly grease the running surface (e.g. using Vaseline).

Once you have mounted the tyres **869** onto the rims **871**, mount the wheels onto the axle, screw them up with washers **20** and screw **17**. Now also tighten the screws on the springs. The wheels should turn easily but there should not be too much play.

### 10.4 Fixing the complete axle carrier onto the frame

Slide the shaft **73** through the holes at the side of the frame and the slewing carrier. The shaft is secured with two retaining washers **25**.

### 10.5 Notes for the attachment of superstructure and accessories

→ **When using Container bodies, Art.-No. 310 up to 314:** Fix the Container floor to the fixing points 1, 2 and 6.

→ **When using a round Tank body, Art.-No. 320 or 321:** Fix the supporting sections (191) to the fixing points 1, 2, 3, 4, 5 and 7. The fixing point 8 serves for the attachment of angle crossmember (172). For the attachment to the chassis, on all previous types of round tank kits it is necessary to enlarge the holes on the angle crossmember.

→ **When using an oval Tank body, Art.-No. 318 or 319:** Fix the supporting sections (1134) to the fixing points 1, 2, 3, 4, 5 and 7. The fixing point 8 serves for the attachment of the fixing plate (1145). Screws **115** and washers **24** are specially supplied with the professional chassis kit for the attachment of the special bumper (1148) included with the oval tank kit.

→ **When mounting the Equipment and Tool Box, Art.-No. 402:** Fix the box using the included screws **57**; between box and frame add one each nut M3 and washer **13** which will serve as distance supports.

Assembly step 10.4

| Qty. | No. | Assembly part        |
|------|-----|----------------------|
| 2    | 25  | Retaining washer 3.2 |
| 1    | 73  | Shaft                |

Assembly step 10.5

| Qty. | No. | Assembly part |
|------|-----|---------------|
| 2    | --- | Nut M3        |
| 2    | 13  | Washer 3.2    |
| 2    | 24  | Washer 2.2    |
| 2    | 57  | Screw M3 x 10 |
| 2    | 115 | Screw M2 x 8  |

**NOTE:**  
The automatic servo operation of the landing leg will fit servos with the following data:  
L x W x H ..... 41 x 20 x 38 mm  
Gauge for screwing ..... 47/49 mm  
Torque ..... min. 40 Ncm  
All servos including so-called UNI-plugs will fit.