

Complete Kit Mercedes "ACTROS" Driving model "C"

Art.-No. 80 white

Art.-No. 81 blue

Art.-No. 82 yellow

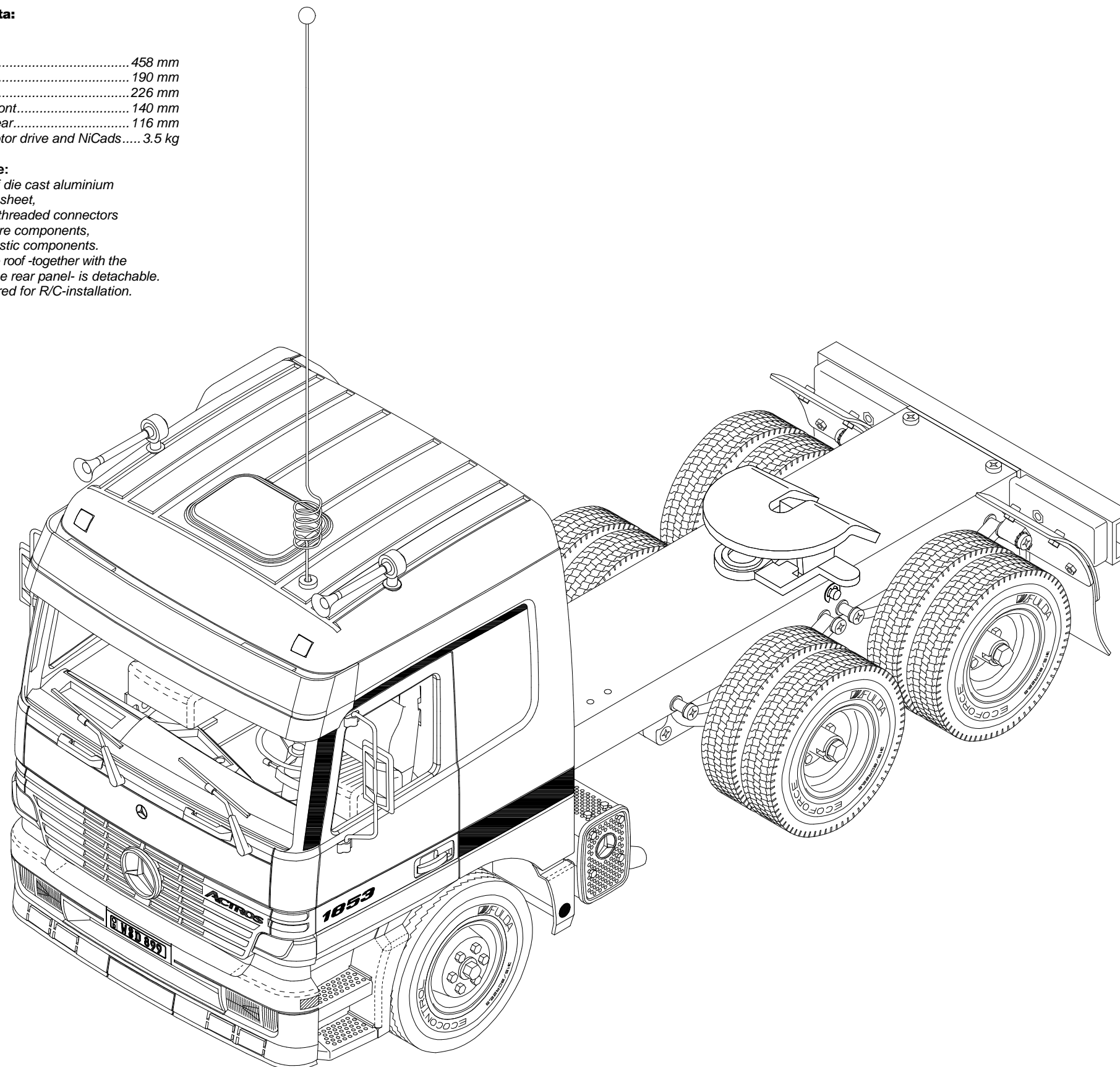
Technical data:

Truck tractor:

Length 458 mm
Width 190 mm
Height 226 mm
Track (tread) front 140 mm
Track (tread) rear 116 mm
Weight with motor drive and NiCads 3.5 kg

Superstructure:

Components of die cast aluminium and aluminium sheet, stainless steel threaded connectors and bending wire components, high impact plastic components. Cab tiltable. The roof -together with the top device of the rear panel- is detachable. Model is prepared for R/C-installation.



Technical data

- Drive** Motor: WEDICO-Bühler electric motor, rated voltage 12 volts, 7-segment collector. Idling speed 6000 rpm. Torque 5 Ncm (approx. 500 pcm) at 4000 rpm. Power drawn under load at max. torque approx. 3 A. Idling power consumption with connected gearing and one differential approx. 0.5 A.
- Gearbox** Standard single speed 2-stage spur gearbox with self-lubricating gearwheels. Reinforced housing. Gear ratio 5.6 : 1.
- Power transmission** Stainless steel drive shafts with ball joints between gearbox and differential. Differential gear. Gear ratio 2 : 1.
- Superstructure** Frame made of aluminium section, 2 mm thick; torsion resistant. Rear bumper made of section 2 mm thick. 3-part (rear) to 4-part (front) stainless steel leaf spring packages on all axles. Soft rubber tires with reproduction of original tread pattern. Fastening components made of stainless steel. All body parts are made from aluminium sheet and aluminium die cast 1.5 to 2 mm thick.
- Finish** Extremely hard epoxy powder coating. Excellent base when repainting for special purposes.
- Assembly** During assembly it is advisable following the sequence given by these instructions. Observe the notes explaining the various steps in assembly and use only those parts which are provided; this will insure a correct result of assembly. WEDICO system kits are known for their exact fit.

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 (see last page of this instruction) 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.

© 2001 by WEDICO, P.O. Box 20 04 18, D - 42 204 Wuppertal, Germany.
We can assume no liability for technical or typographical errors.
We reserve the right to incorporate technical modifications.
Duplication and reproduction only with our express consent.

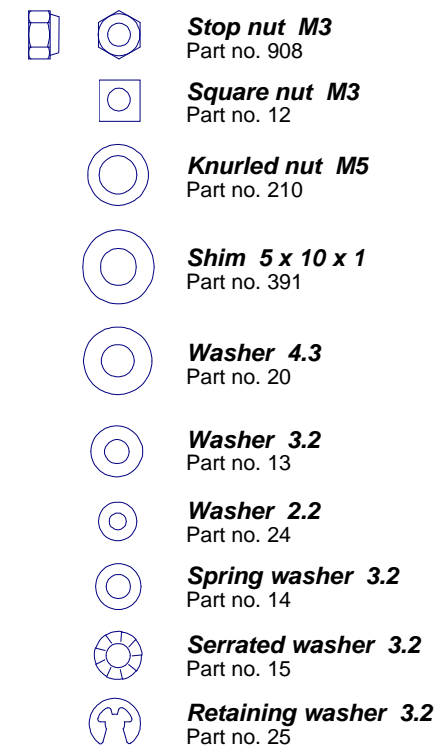
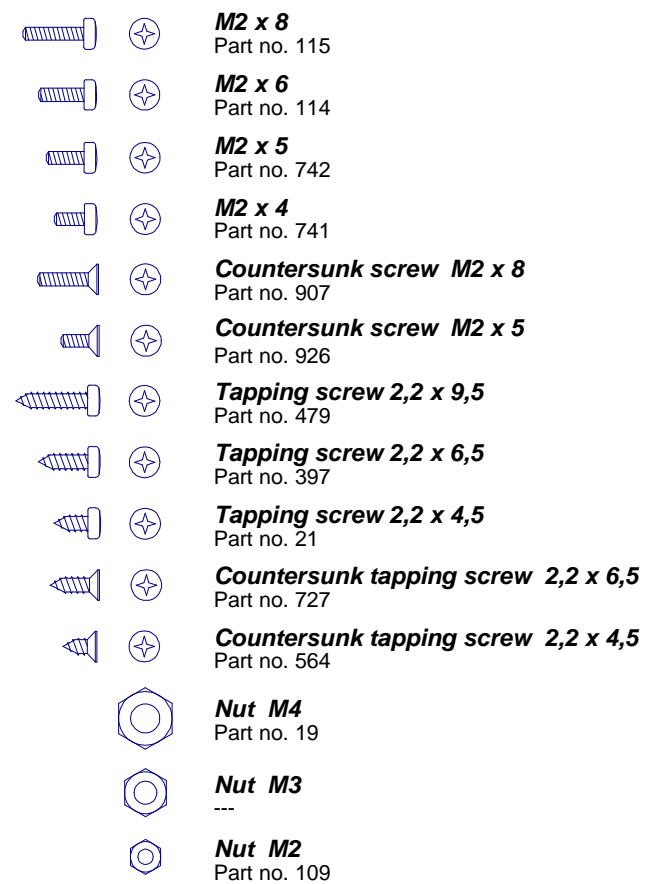
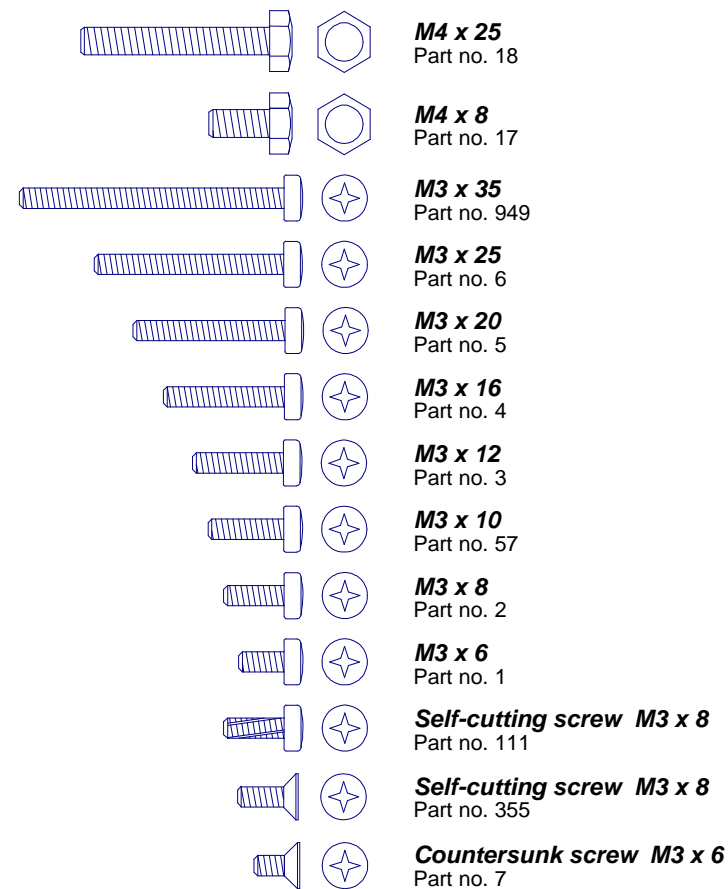
1 General

1.1 The assembly instruction

On the left side you find the illustrations of the assembly groups including the part lists indicating the necessary components. On the right side, marked by the corresponding number of illustration, the instructions for the proper assembly.

1.2 Screws and other small parts

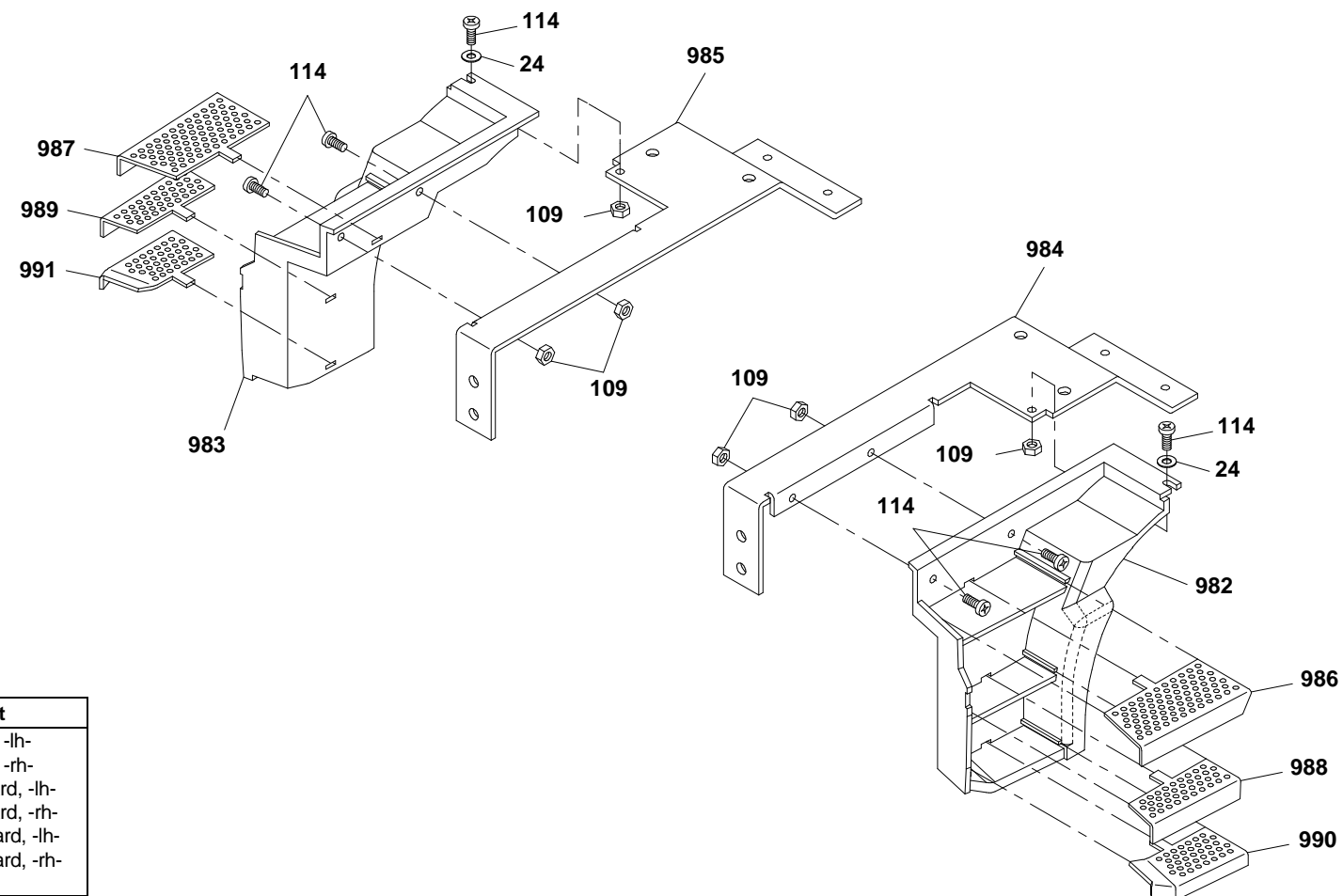
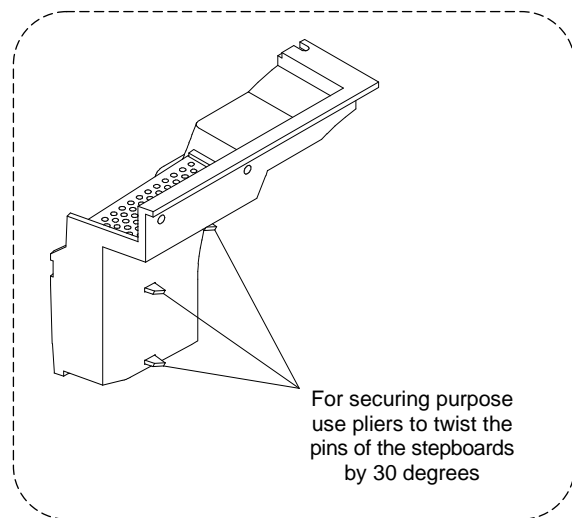
M3 nuts are generally not provided with an identification number. As a help easier to find out screws and small parts, please see ill. 1 which is showing you the most important components at original size.



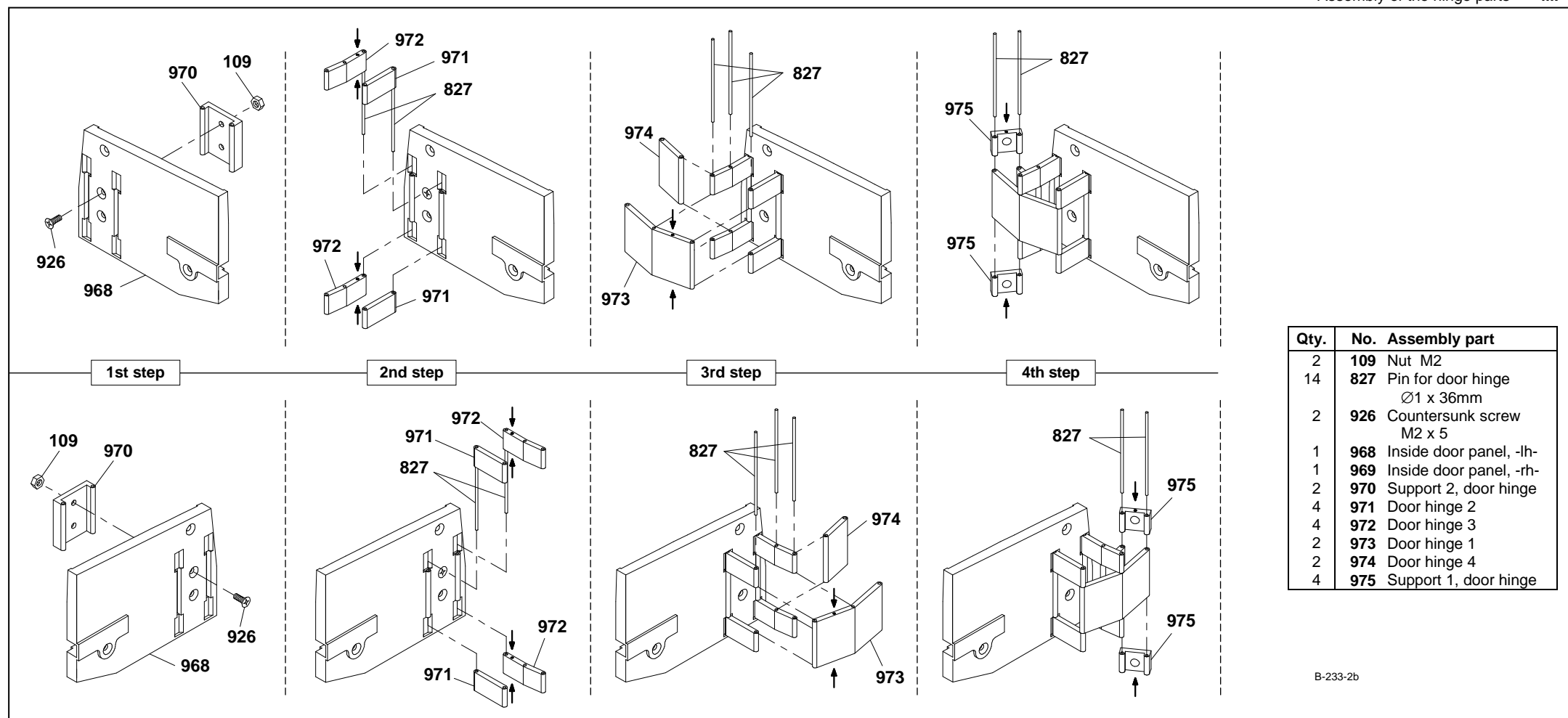
2 Premounting the fenders

Slide the stepboards **986**, **988** and **990** into the lateral guiding lines on the left fender **982**; in the same sense add now the steps **987**, **989** and **991** to the right fender **983**. Once the steps are sitting correctly and close, secure them behind the fenders by twisting the protruding pins by 30 degrees.

Afterwards set the left fender with its collar on top of the left fixing plate **984**. Secure both parts with screws **114** and nuts **109**; for the attachment to the slotted fixing hole you need one additional U-washer **24**. The assembly of the right fixing plate **985** with the right fender has to be done in the same sense.



Qty.	No.	Assembly part	Qty.	No.	Assembly part
2	24	Washer 2.2	1	986	Top stepboard, -lh-
6	109	Nut M2	1	987	Top stepboard, -rh-
6	114	Screw M2 x 6	1	988	Centre stepboard, -lh-
1	982	Fender with entry, -lh-	1	989	Centre stepboard, -rh-
1	983	Fender with entry, -rh-	1	990	Bottom stepboard, -lh-
1	984	Fixing plate f. fender, -lh-	1	991	Bottom stepboard, -rh-
1	985	Fixing plate f. fender, -rh-			



3 Premounting the doors

The following text describes the assembly of the left door only; the attachment of the right-hand door has to be done accordingly.

3.1 Assembly of the hinge parts (ill. 3a)

Drawings in the upper line show the assembly of the right-hand side, those in the lower line the assembly of the left-hand side.

When adding the hinge pins make sure that all hinge components are in correct position. This is very important for both, the function and the correct fitting of the cab door. For a better orientation some of the components are specially marked (see corresponding arrows in the drawing). Please refer to ill. 3b which is showing not only the hinge components at original size and completely assembled but also the correct position of the angled hinge components (length of leg and angle position).

1st step: Lay the hinge support 970 from inside into both long openings on the left inside door panel 968; press then one nut 109 into the hexagonal slot of the support and fix it from outside using one countersunk screw 926.

2nd step: Push one hinge pin 827 into the hole on the longer leg (note the corresponding mark!) of one of the door hinges 972 until the top of the pin sits flush. From the top press then this pin through that hole provided for on the support you have already pre-mounted. On the bottom insert a second hinge pin 972 (note the corresponding mark!); use an appropriate tool to push it into place until the upper door hinge snaps into that slot on the inside door panel. The two door hinges 971 have to be mounted in the same way.

3rd step: Now set the door hinge 974 between both already pre-mounted angled hinges (use the centre holes) and fix it with a further pin 827. Afterwards the shorter leg (note the corresponding mark!) of the hinge 973 has to be added to the other hinges in the same way.

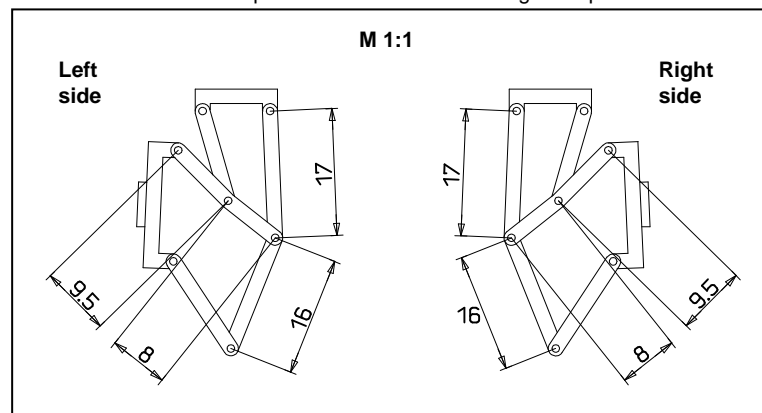
4th step: Attention! The holes on the supports 975 are not central! Note the correct position of the corresponding mark when mounting the supports along with pins 827 to the free holes of the hinges!

3.2 Assembly of the door (ill. 3c)

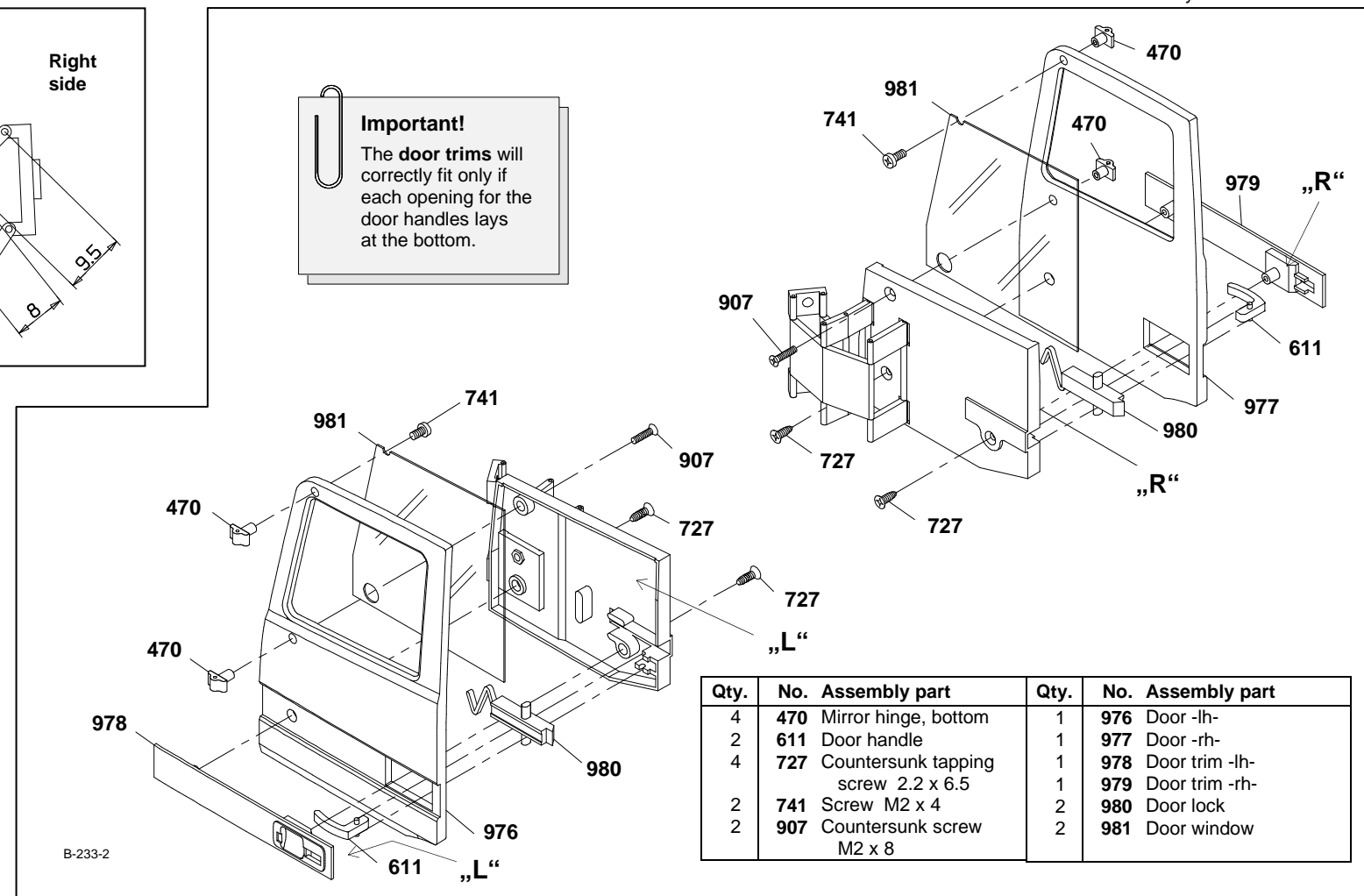
First remove the protecting foil from the door window 981. Now use the mirror support 470 as well as the tapping screw 907 in order to premount the following parts: door 976, door window 981, door lock 980 and inside door panel 968. Please pay attention to the correct position of the door lock!

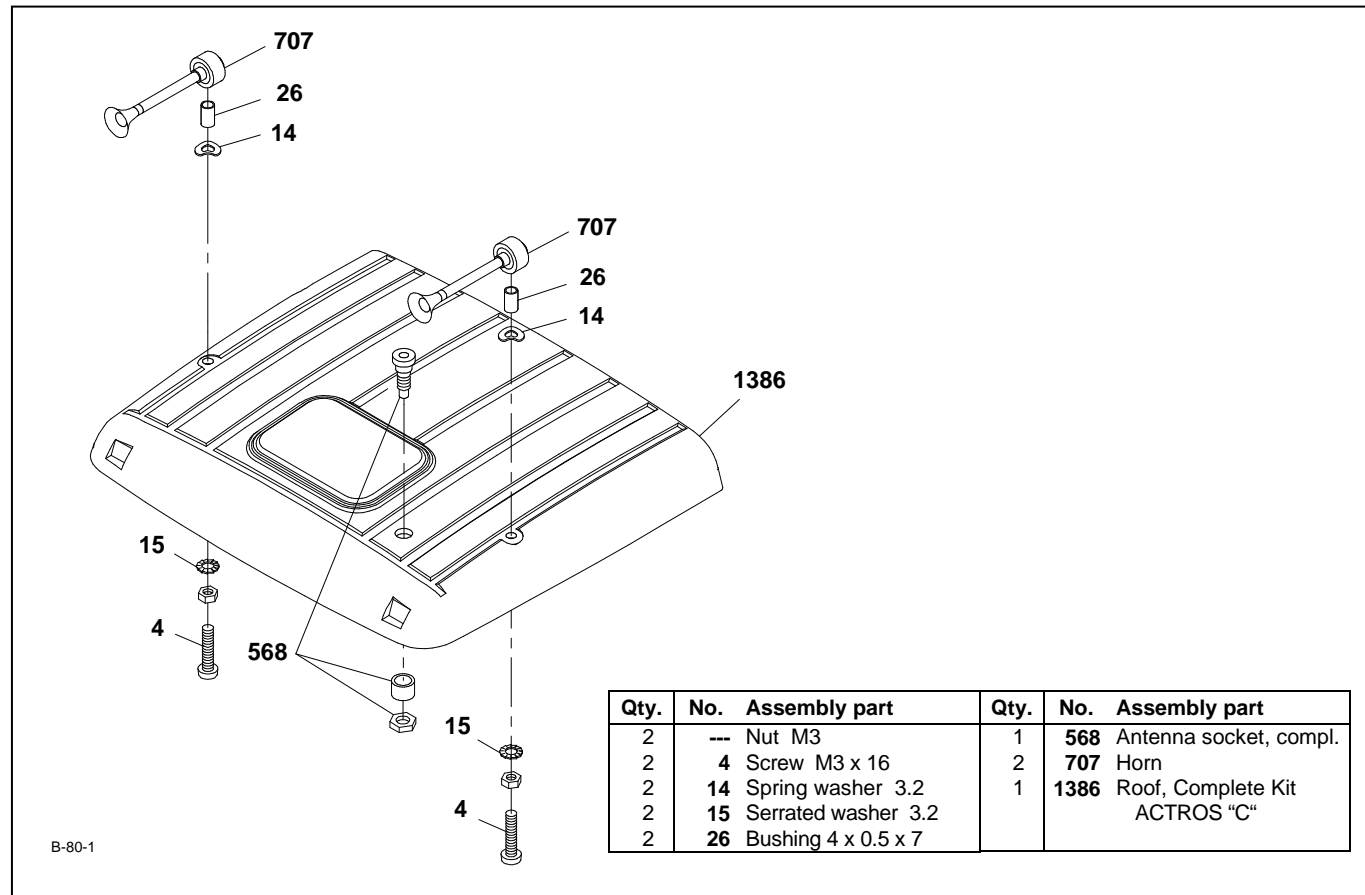
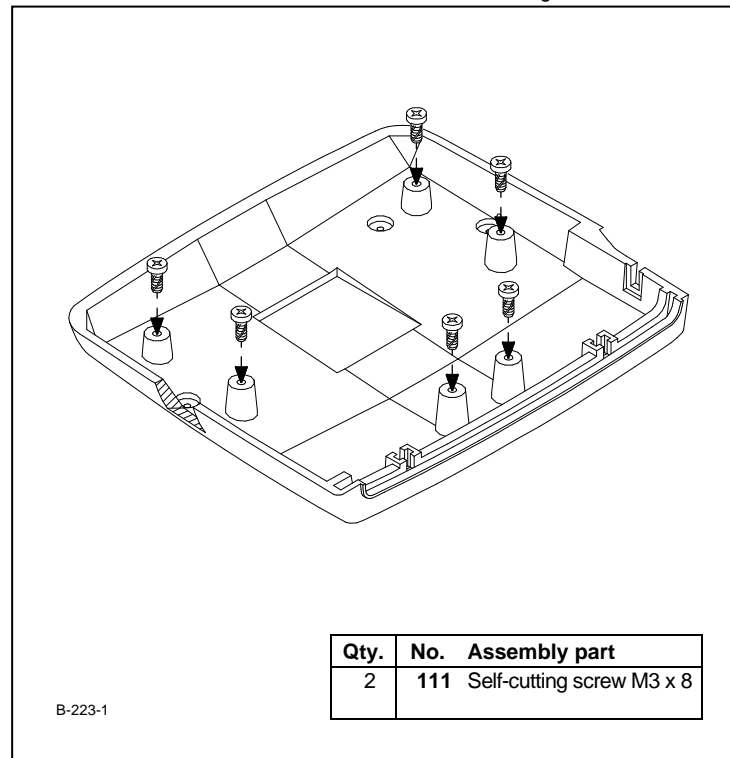
For easier differentiation both door trims 978 and 979 are marked by letters: „L“ = left, „R“ = right. Lead one door handle 611 through the left door cover 978. Afterwards set the door trim along with the handle onto the proper door, whereby the short axles on the door handle must sit exactly inside the half-round bearing of the door panel. With two countersunk screws 727 fix then door panel with door and trim. Using one screw 741 add finally the second mirror support 470 onto the top of the door.

Top view of the assembled hinge components ill. 3b



Assembly of the doors ill. 3c





Complete Kit ACTROS
Completion of assembly groups

4 Assembling the roof section

4.1 Cutting threads

Threads have to be cut into six screw holes on the roof. Before you start the proper assembly, use self-cutting screws 111 supplied with this kit to cut these threads. You should lubricate the screw and the screw holes (using a little petroleum jelly, for instance) before doing so and afterwards use a soft cloth to remove excess lubricant.

4.2 Antenna socket and horns

Affix the components for the antenna socket 568 to the roof 1386 as shown in the illustration. Please note that the antenna cable from the remote control receiver will have to be soldered to the antenna socket.

The horns 707 are fitted with bushings 26 and spring washers 14 and then affixed, through the holes provided in the roof, using screws 4, nuts M3 and serrated washers 15.

4.3 Assembly of roof, locking device and rear panel

When adding the assembly of the roof and upper rear panel to the cab, do not tighten the fasteners as both units have to be detachable. For locking the roof, two door locks catch behind those metal sheets specially provided for that on the side panels.

To a door handle 75 add one nut M3 and tighten it. Then slide the door lock 76 over it and screw on one square nut 12. Fix door handle and door lock that way that they are facing same direction. When fastening the door lock it is advisable securing it with pliers. Afterwards add a further nut M3. Once you have added one spring washer 14 and one washer 13, slide the handle through that hole provided for on the left-hand roof locking plate 994. From behind add now one washer 13 and fasten the unit using two nuts M3. By the same way add a door handle to the right-hand side roof locking plate 995.

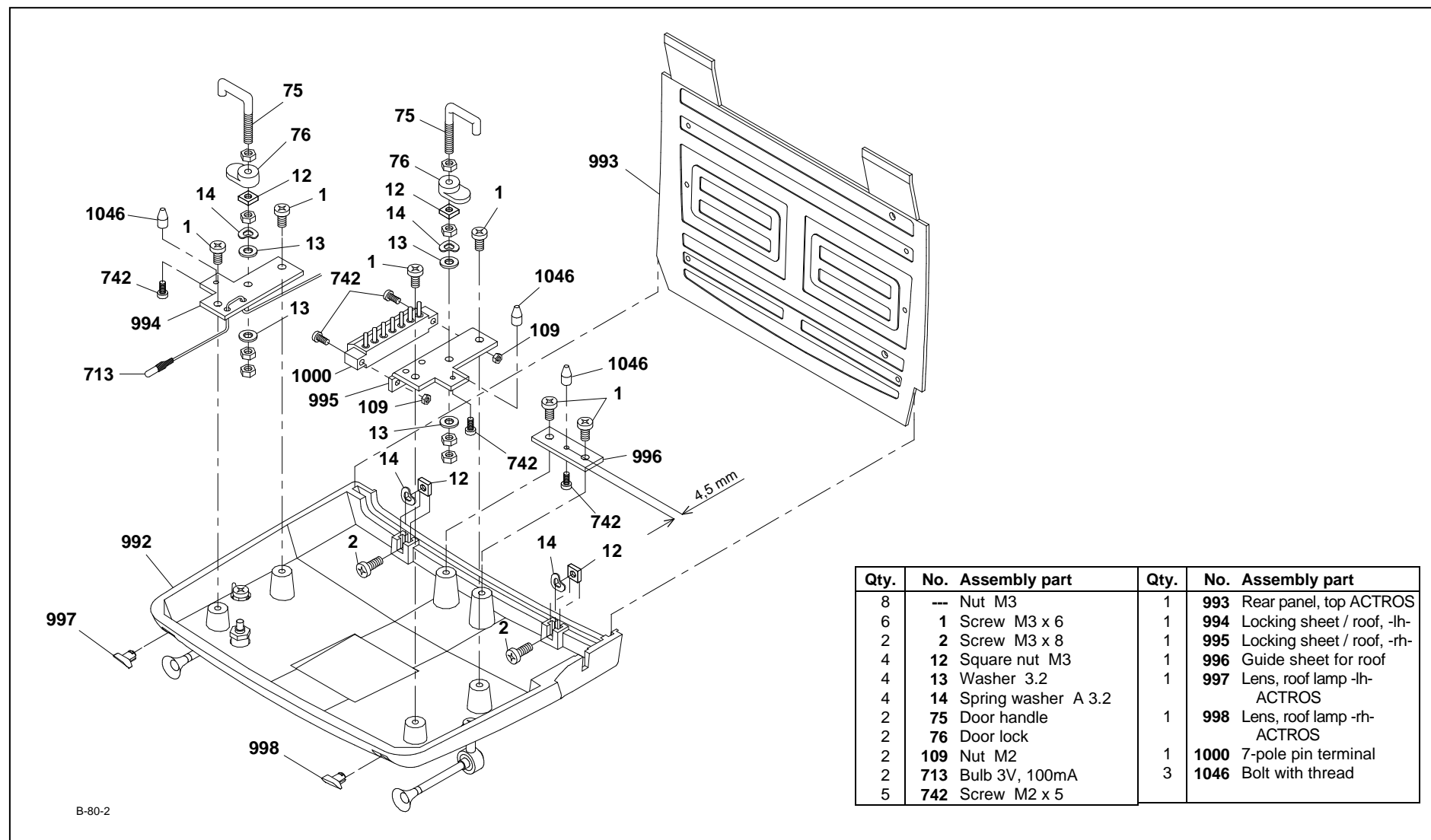
Now provide a guide post on each locking sheet by using each one bolt 1046 and screws 742. Build another similar post onto the guide sheet 996; as the hole is not central please note the correct side (dimension in the illustration is of 4.5) when adding it. Use two screws 1 to fix the guide sheet underneath the roof.

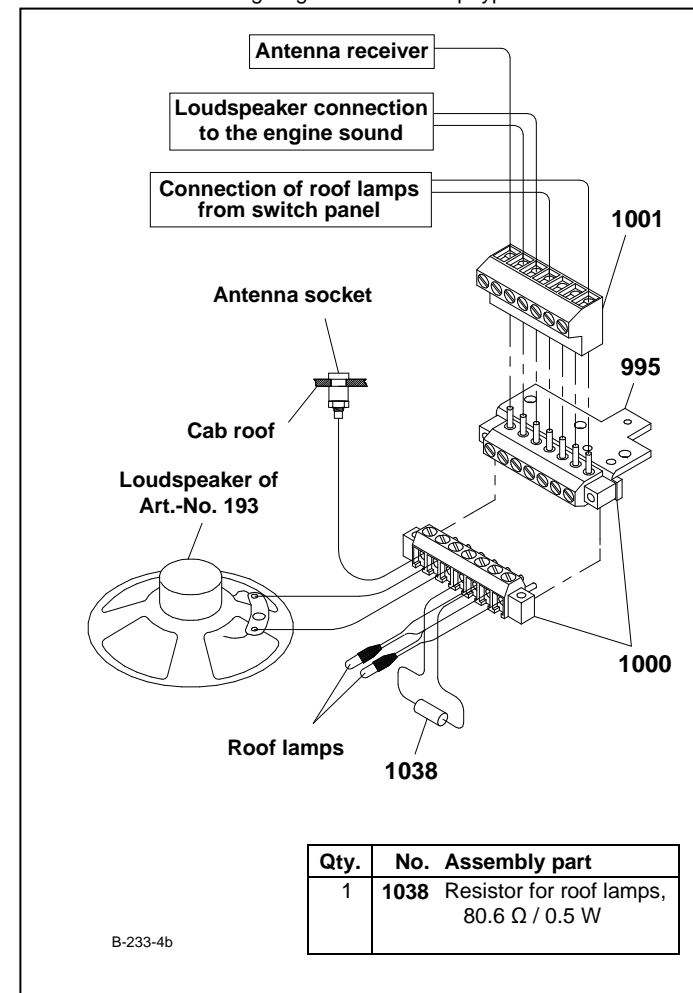
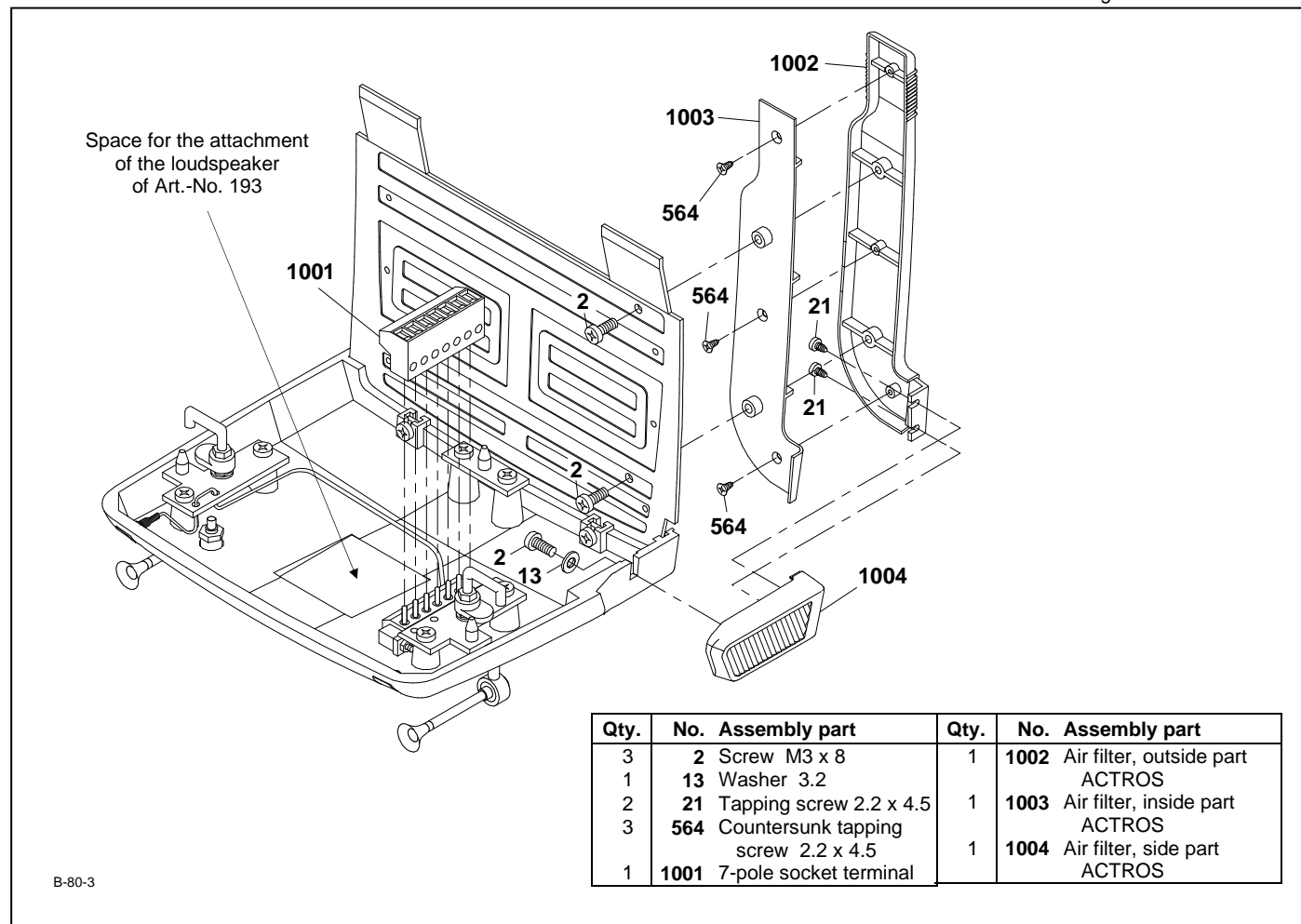
Press now the lenses 997 and 998 into those holes provided in the front of the roof. Feed the wires from each bulb 713 through the holes provided on both roof locking sheets.

Fix the left hand roof locking sheets onto the underside of the roof with screws 1. Use screws 742 and nuts 109 to add the 7-pole pin terminal 1000 to the right hand roof locking sheet. Once all wires have been connected (see chapter 4.5), similarly to the left-hand one fix the right-hand roof locking sheet underneath the proper roof. Afterwards insert the bulbs into the roof lamp lenses.

Fixing the rear panel 993 to the roof: For this purpose slide each one square nut 12 with one spring washer 14 into those slots on the two fixing links underneath the roof. Set the rear panel into the guide groove and squeeze it by tightening screws 2.

Note: Those free holes on the rear panel 993 are provided for the attachment of the side spoilers (accessories).





Complete Kit ACTROS
Completion of assembly groups

4.4 Fixing the air filter

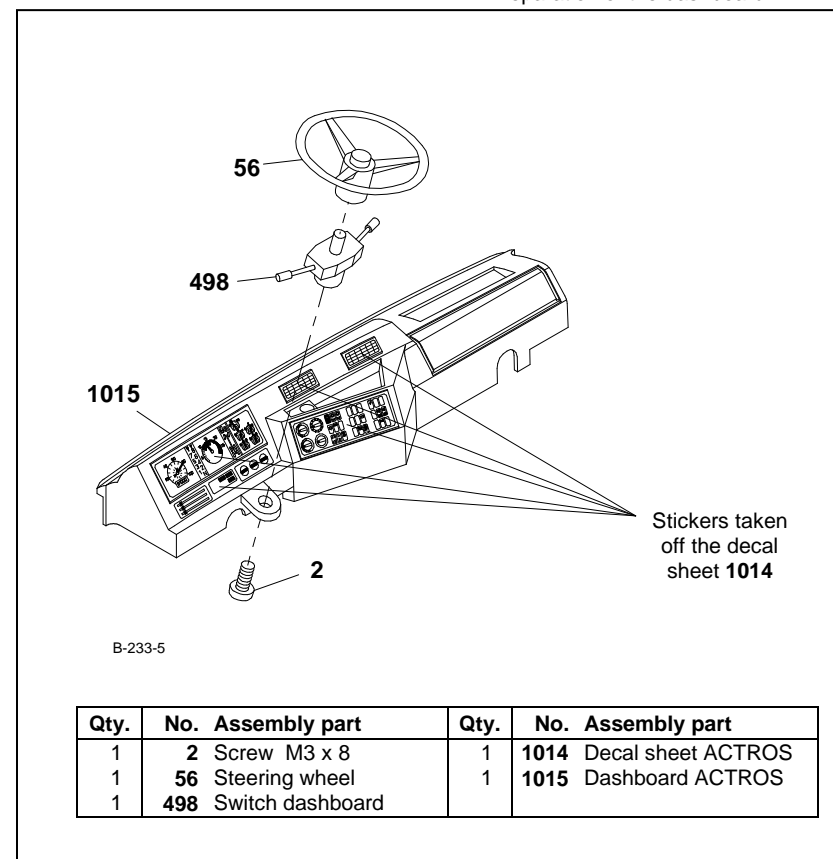
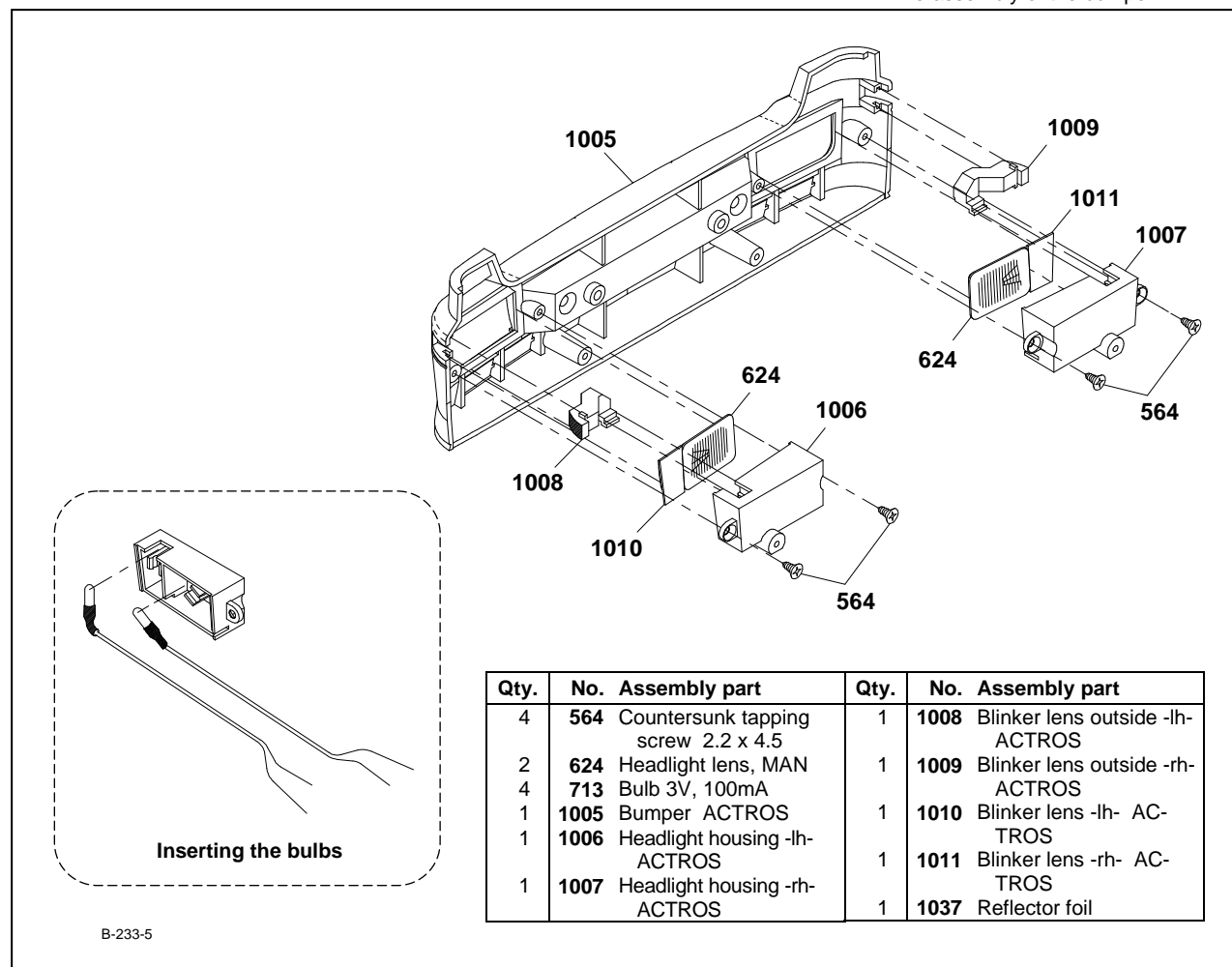
Using two panel screws 21, start by mounting the side part 1004 onto the outside part 1002. With countersunk screws 564 add afterwards the inside part 1003 to the outside part 1002. Finally fix this unit with screws 2 onto the rear panel, and with screws 2 and washers 13 onto the roof.

4.5 Connecting diagram for the clamp-type terminals

When removing the roof, you may also disconnect the cabling at the pin and socket connector. For this purpose use the 7-pole pin terminal 1000 and the 7-pole socket terminal 1001. Accordingly to the illustration, a resistor 1038 for the roof lamps has to be mounted onto the pin terminal and the antenna cable has to be soldered to the antenna socket.

The illustration shows the different connections. To make both sides clearly visible, you find two illustrations of the pin terminal 1000.

→ **Installing the Diesel Engine Sound, Art.-No. 193:** The Diesel engine sound includes the loudspeaker, which can be stuck into the area provided on the underside of the roof, using double sided adhesive pads.



5 Pre-assembly of the bumper

Assembly of headlights and blinkers

Cut the piece of reflector foil 1037 (no ill.) to size according to the size of the headlight housings 1006 and 1007 and lay these pieces into the lamp cases. Accordingly to the drawing, afterwards press one bulb into each of the clips provided on the lamp housings. As per drawing feed the wires through the narrow slots inside these lamp cases outwards.

First fit the lens 1010 of the left blinker into the corresponding opening on the bumper 1005 by pressing it into place from the inside, flush to the left, and add a headlight lens 624 with the funnel-shaped ribbing showing outwards. The lugs on the top and bottom of the outer left blinker lens 1008 fit into the slots in the grooves on the left bumper side. Now set the left-hand lamp housing 1006 that way onto the fixing domes inside the bumper that the upper collar of the blinker lens gets fixed behind the cut-out of the headlight housing. Finally fix the housing with screws 564. Do the assembly of the right-hand headlight housing 1007 in the same way.

6 Preparation of the dashboard

Peel the stickers showing the instruments and switches from the decal sheet 1014 and stick them in place on the dashboard 1015. With screw 2 fix then the shift for the switch 498 onto the dashboard and press the steering wheel 56 onto this shift.

Qty.	No.	Assembly part	Qty.	No.	Assembly part
2	---	Nut M3	1	1018	Side panel, -rh- ACTROS
16	1	Screw M3 x 6	1	1019	Windscreen ACTROS
10	12	Square nut M3	1	1020	Fixing plate for front, -lh-
2	15	Serrated washer A 3.2	1	1021	Fixing plate for front, -rh-
4	109	Nut M2	1	1022	Fixing angle for side panels
2	111	Self-cutting screw M3 x 8	2	1025	Stopping device for cab lock
4	114	Screw M2 x 6	1	1387	Rear panel, bottom Complete Kit ACTROS "C"
1	222	Seat rear panel	---		Switch sticker
2	355	Countersunk screw M3 x 8			
1	1016	Front panel ACTROS			
1	1017	Side panel, -lh- ACTROS			

7 Assembling the cab

7.1 Cutting threads (see small drawing)

Threads have to be cut into eight screw holes on the front panel. Use self-cutting screws **111** to cut these threads by the same method as described under chapter 4.1.

7.2 Mounting the front- and side panels

Don't tighten all screwed connections as the cab skeleton has still to be adjusted.

Start by securing the left-hand fixing plate **1020** into the suiting cut-out made for this purpose on the front panel **1016**; use countersunk screw **355**, serrated washer **15** and nut M3 for that. Afterwards slide two square nuts **12** into both upper slots on the fixing frames of the left side panel **1017**; then fix the side panel with screws **1** onto the fixing plate. Make sure that the external sides of both, front- and side panels, are exactly in alignment. Now mount the right-hand fixing plate **1021** and the right-hand side panel **1018** in the same way. Slide another square nut **12** into each of the rear upper fixing slots on the side panels; with screws **1** secure then the fixing angle **1022** into place between the two side panels.

At this stage of assembly adjust the external contours of the pre-mounted cab with the roof assembled at chapter 4.1. From top slide that rear panel you have already mounted onto the roof into the vertical grooves on the side panels. Both lateral fixing plates mounted onto the cab, as well as the fixing angle include fixing holes; these holes have to be aligned with those pilots which previously were added to the roof. At the screwed connections on the panels all components may now suitably be moved.

Once all parts have been adjusted correctly, tighten all nuts and screws.

7.3 Doors, windscreen and dashboard

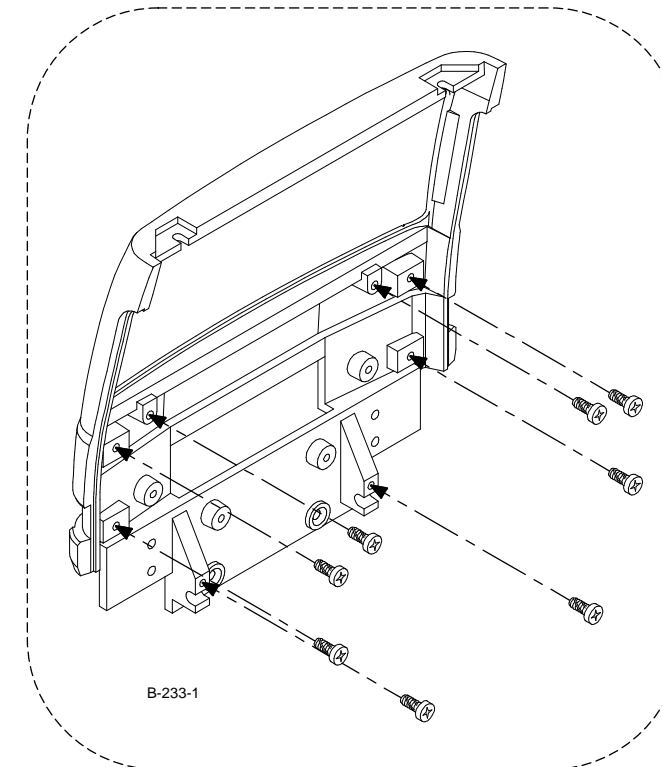
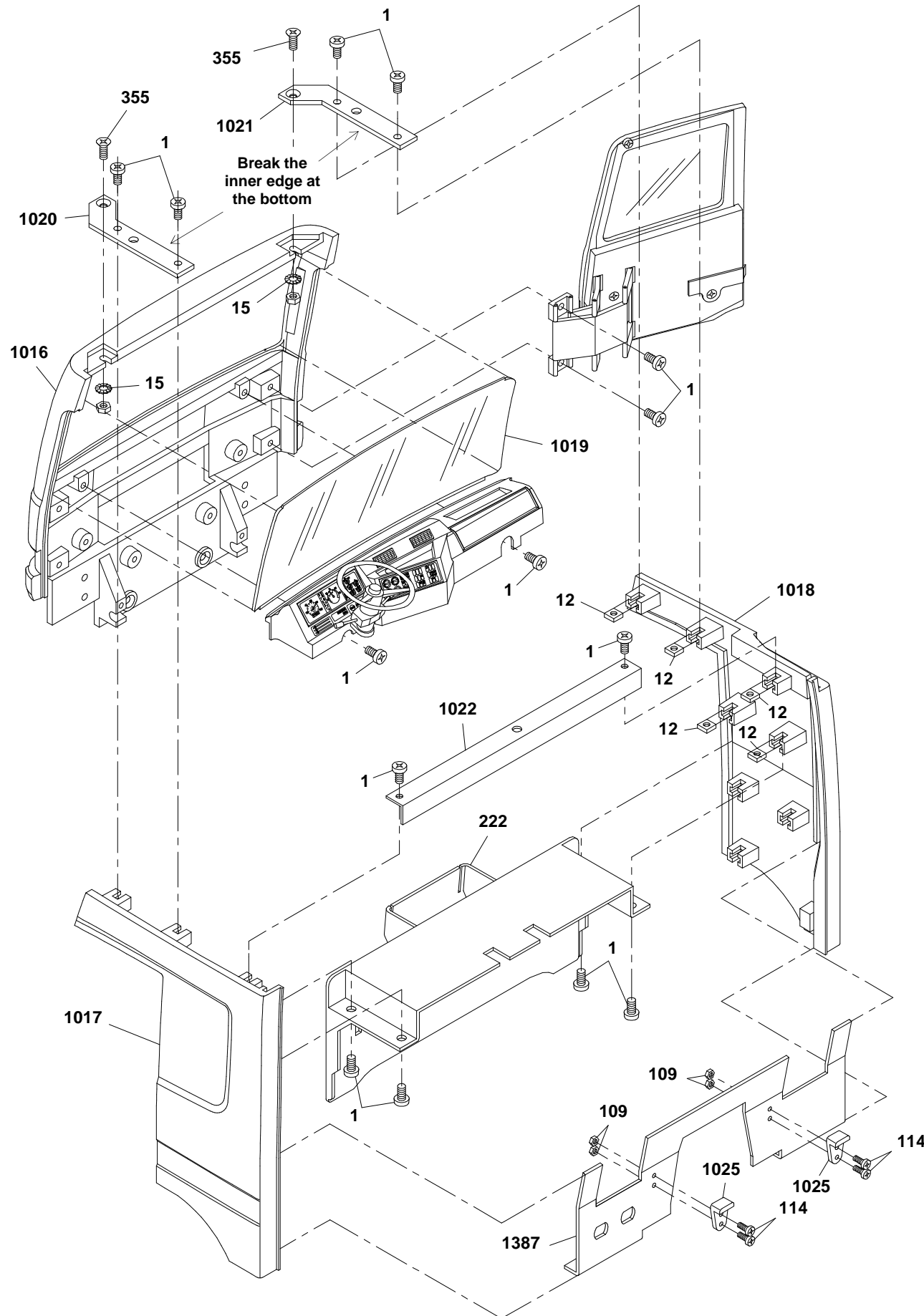
Set the doors you have assembled at stage 3.2 into their places on the cab. With screws **1** fix the hinge supports to the front panel. When closed, the doors should stay parallel to the side panel; by moving the supports you achieve the final adjustment.

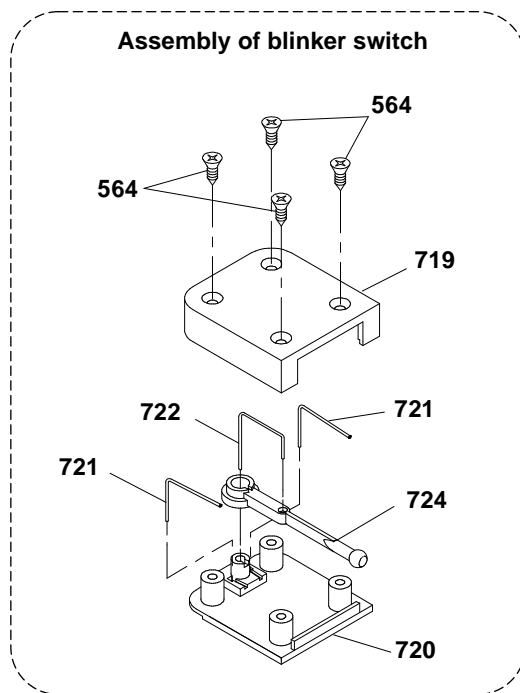
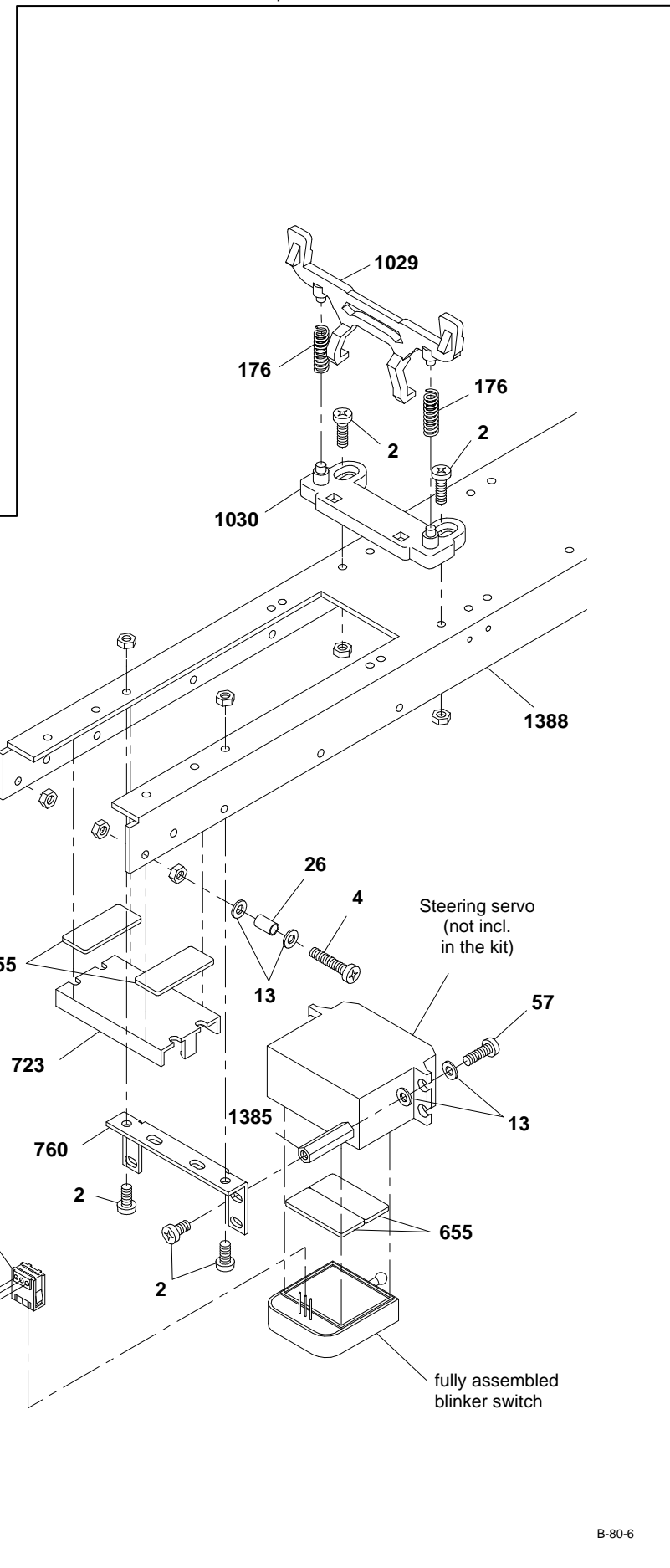
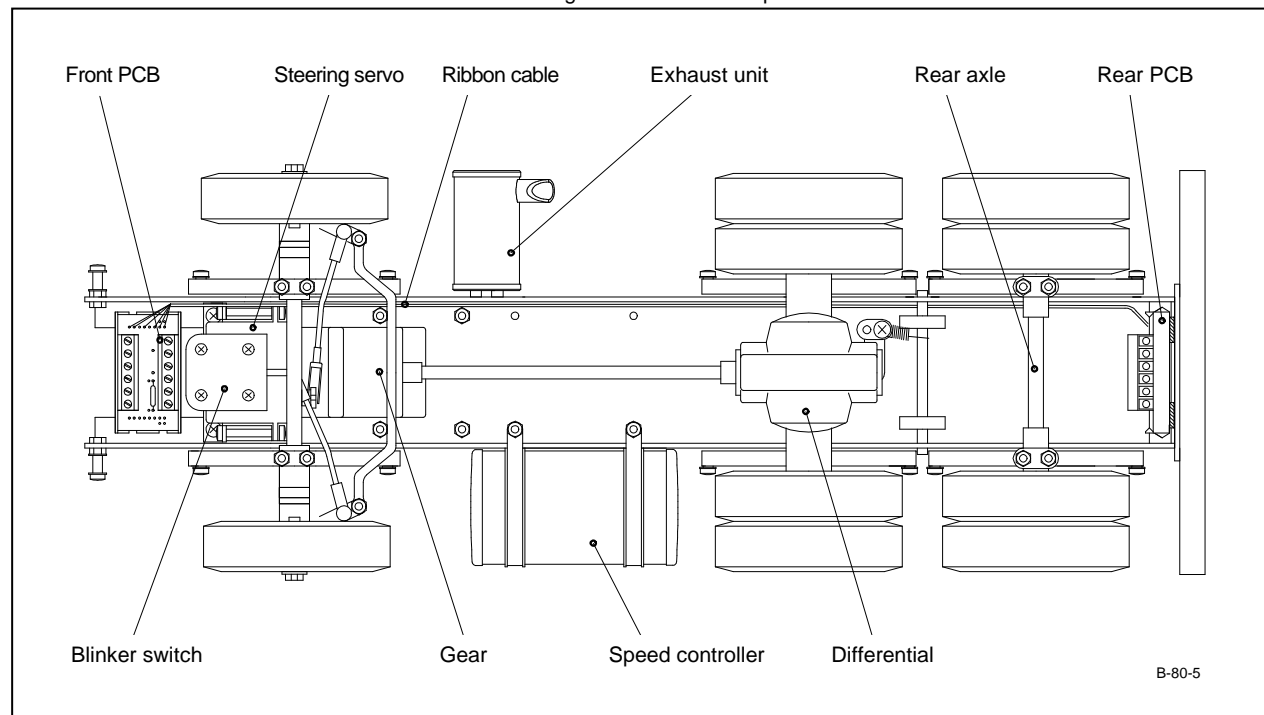
Press the windscreen **1019** into the front panel. For this purpose slide the screen from inside into the groove on the left side of the front panel. In order to fit the screen into the groove on the right hand side you need to bow it inwards slightly, then press it forward gently until it clicks into place. Finally attach the dashboard with screws **1** onto the front panel.

7.4 Seat- and lower rear panel

First pass the switch toggles at the switch panel through the holes provided in the seat rear panel **222**; secure from the front using four knurled nuts **210** (see therefore illustration 14).

Attach the switch sticker onto the seat rear panel - above the four holes for the toggle switches on the switch panel - ; the letters indicating the switches are now upside down. Slide one square nut **12** into each of the slots on the centre fixing frames of the side panels. Afterwards attach the seat rear panel **222** that way that those sides with the fixing holes lay underneath the fixing frames on the side panels; insert screws **1** from the bottom and tighten them on the right side. Don't tighten the screws on the left-hand side as the left side panel has still to remain moveable. With screws **114** and nuts **109** fix the stopping devices for the cab lock **1025** onto the lower rear panel **1387**. Slide the lower rear panel into the suiting groove on the right side panel, press then the left side panel outwards and slide the rear panel also into same groove. Now tighten the screws on the left side on the seat rear panel.





Qty.	No.	Assembly part	Qty.	No.	Assembly part
8	---	Nut M3	2	721	Spring, single bent
6	2	Screw M3 x 8	1	722	Spring, double bent
2	4	Screw M3 x 16	1	723	PCB support, small
8	13	Washer 3.2	1	724	Lever for blinker switch
2	26	Bushing 4 x 0.5 x 7	1	760	Servo angle 1, small
2	57	Screw M3 x 10	1	929	Clamp-type connector, 3-pole
2	176	Coil spring for lever	1	1029	Cab locking device ACTROS
4	564	Countersunk tapping screw 2.2 x 4.5	1	1030	Cab base ACTROS
4	655	Adhesive pad, double-sided	1	1385	Threaded bushing 18mm
1	719	Cover for blinker switch	1	1388	Frame ACTROS, 432mm
1	720	Base for blinker switch			

Complete Kit ACTROS
Completion of assembly groups

8 Preview of the electrical system installation

The illustration at the left shows the locations of the PCBs and the routing of the ribbon cable beneath the frame. The cable will have to be installed underneath the frame before the electrical devices are installed in their entirety. The cable should run between the frame and the axles, the fifth-wheel shaft and the screws used to affix the tank. If the cable were to be laid later it would be necessary to disassemble some components already installed.

The best course of action is to read all the information on the electrical system in **Chapter 17** before you begin assembling the components on the frame. This will give you an idea of which components will be connected by cable.

9 Components attached to the front frame section

9.1 Fixing parts for the cab

Using each two nuts M3 to attach one screw 4, washer 13 and bushing 26 onto the lower front holes on both sides of the frame 1388. At a later stage of assembly (after the completion of all assembly groups - see **Chapter 16** - the front panel of the cab will be set hereon.

Press the locking device 1029 into the base 1030 and set both pressure springs 176 laterally between the pigots of these two parts. Accordingly to the illustration mount the base with screws 2 and nuts M3 onto the frame. After adding the cab to the frame both noses of the locking unit catch over those stopping devices mounted on the rear panel and thereby secure the cab.

9.2 Mounting the servo unit

Accordingly to the drawing, use screws 57, washers 13 and bushings 1385 to fix the steering servo onto the servo supporting angle 760. Use screws 2 and nuts M3 to attach the servo supporting angle underneath the frame.

Moment of torsion of the servo should be at 30 Ncm. The servo supporting angle will fit servos with the following data:
L x W x H:41 x 20 x 38 mm
Gauge for screwing48 ±2 mm

9.3 Mounting the blinker switch

Use two adhesive pads 655 to affix the PCB support 723 behind the servo supporting angle under the frame.

9.4 Assembling the blinker switch

Slide two single-bent springs 721 into the corresponding holes and slots in the base plate 720. Insert the double-bent spring 722 into the two holes on the lever blinker switch 724 and then place the eye of the lever over the boss on the base plate. The cover plate 719 is now secured to the base plate with countersunk screws 564.

Attach the blinker switch with two adhesive pads 655 that way onto the steering servo, that the clamp-type connector 929 lays closely on the fore edge of the housing.



10 Components attached to the rear frame section

10.1 Mounting the fifth-wheel components

Attach the spring 74 to the link lever 44 with a screw 1 and M3 nut. Insert the bar 72 into the opening from above, securing it from below with the link lever and a tapping screw 21. Mount the fifth-wheel 71 from above, inserting the feet into the slots in the frame. Slide the shaft 73 through the holes at the side of the frame and the feet of the fifth-wheel, catching the free end of the spring 74 between the feet when doing so. The shaft is secured with two retaining washers 25.

Please ensure when attaching the fifth-wheel that the ribbon cable with the two circuit boards is located between the frame and the shaft (ill. 8).

10.2 Mounting the rear bumper assembly

First insert the bulbs 713 in the lamp caps 709 as shown in the figure. Now affix the assembled caps to the rear bumper 47 using one each screw 57 and M3 nut. From the rear insert the lenses into the bumper: outwards the blinker lenses 341, inwards the rear light lenses 342. Attach the frame tail piece 46 underneath the frame using screws 1 and M3 nuts. Then the bumper and carrier plate 710 are set in front of the frame tail piece and attached with screws 2 and M3 nuts.

Take particular care that the bulb cables are not clamped between the bumper and the frame tail piece; this could cause a short circuit!

Using two adhesive pads 655, affix the PCB support 723 on the front surface of the carrier plate, centred and flush with the bottom edge.

11 Front axle section

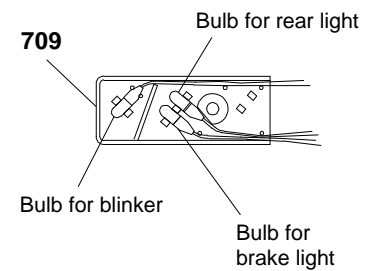
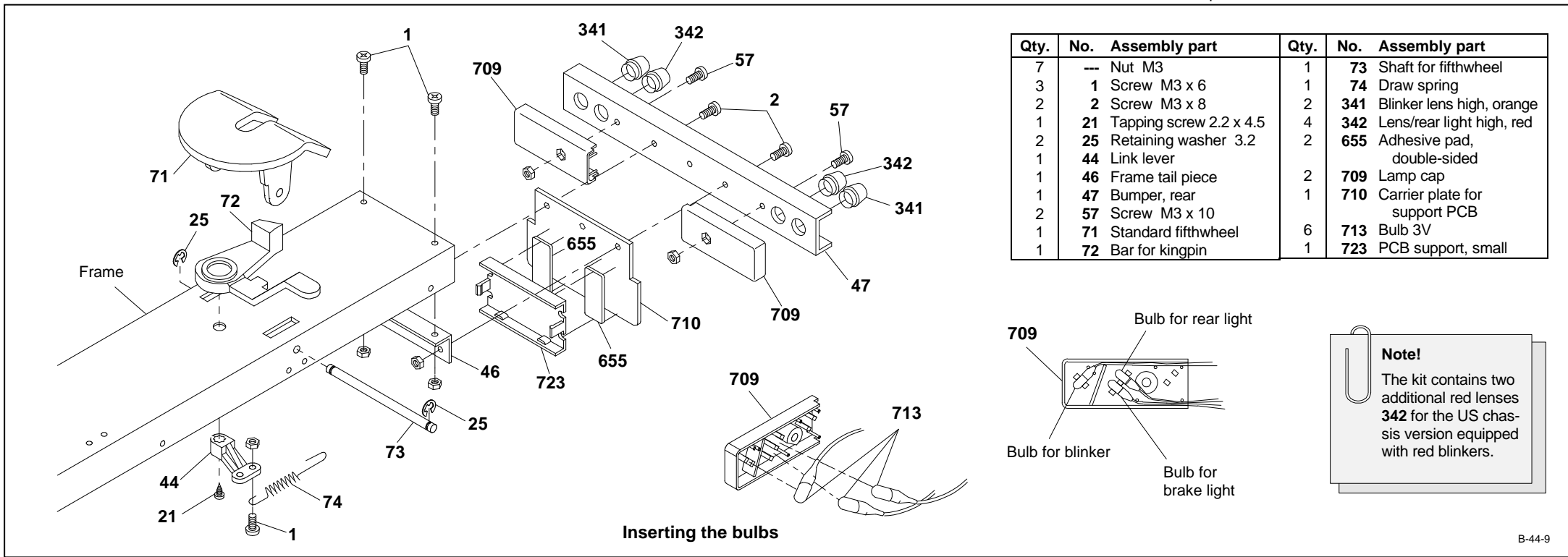
11.1 Mounting the suspension with front axle

First install the screws 3 together with washers 13, bushings 26, and M3 nuts at the rearward holes in the frame, provided for attaching the springs. Then attach the open ends of the two long spring leaves 32 at the bushings and use an identical set of parts to screw the closed ends to the front of the frame 45. One nut 19 each is pressed into the hexagonal depressions at the steering lever 42. Use two screws 5 and M3 nuts to attach to the long spring leaves, previously mounted, two medium spring leaves 33 and a short spring leaf 34 along with two half-axle guards 41, into which the front axle 55 and steering lever 42 have been inserted. Before tightening down the screws 5 ensure that the spring sets are not under tension and can move freely.

11.2 Mounting the wheels and steering linkage

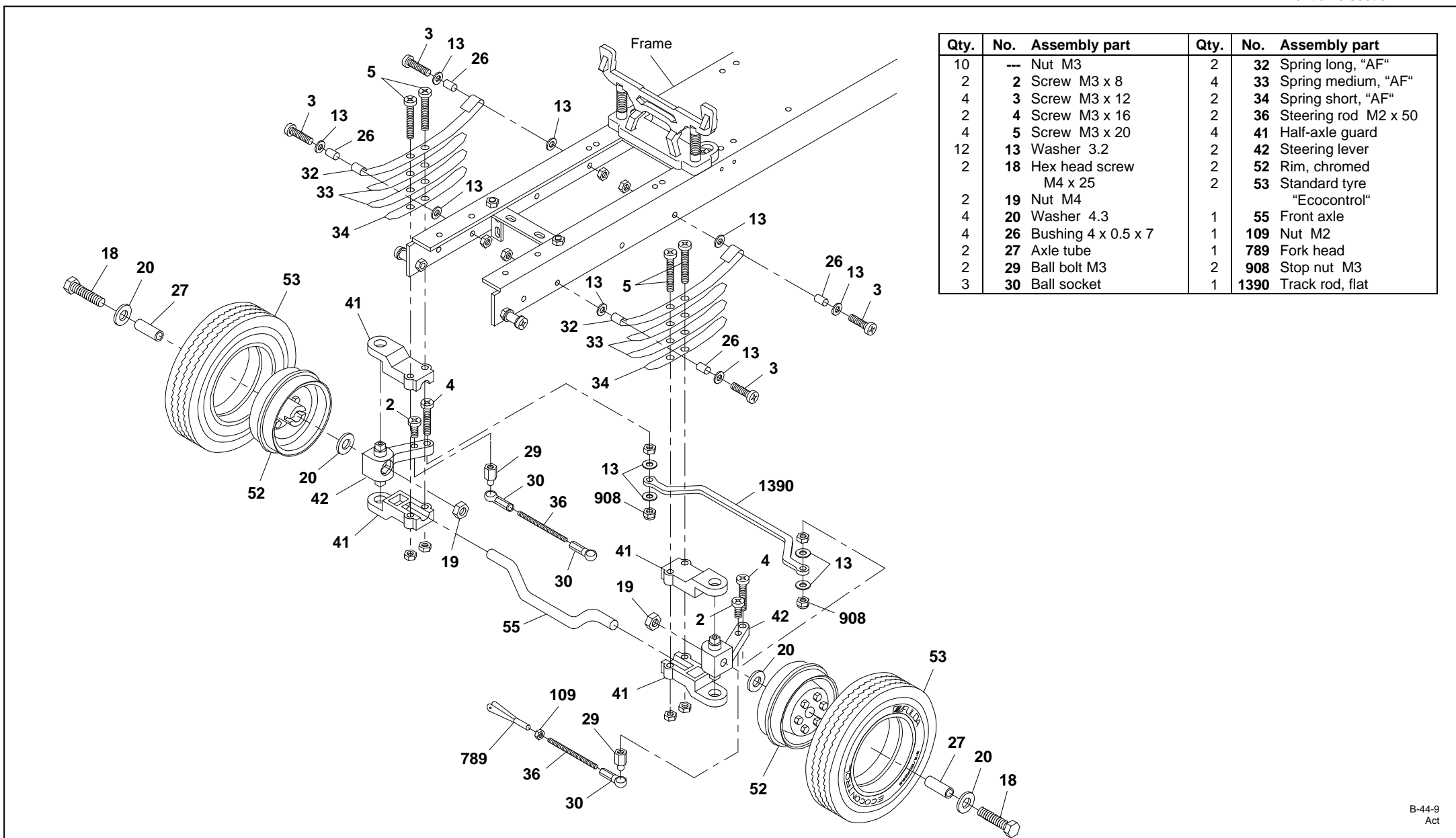
First mount the standard tyres 53 on the rims 52. Then use screws 18 and one washer 20 each in front of and behind the axle tube 27 located in the hub to bolt the wheels to the steering lever, using the nut already inserted. To the outer holes on the steering levers fix two screws 4 along with nuts M3. To this unit add now the track rod 1390 using washers 13 and stop nuts 908; do not tighten the stop nuts but leave the track rod moveable.

With screws 2 fix two ball bolts 29 to the inner holes on the steering levers for the attachment of the steering rods. To a steering rod 36 add one nut 109, fork head 789 and ball socket 30. The steering rod has to be bent slightly, depending on the size of the servo unit. Afterwards clip this steering rod for the servo linking to the left-hand ball bolt. For operation of the blinker switch, add to the right-hand ball bolt another steering rod 36, equipped with two ball sockets 30. Adjust the distance between the ball sockets so that the wheels are in the straight-ahead position when the lever of the blinker switch is in its neutral setting.



Note!
The kit contains two additional red lenses 342 for the US chassis version equipped with red blinkers.

B-44-9



B-44-9 Act

12 Rear axle section

12.1 Mounting the mud guards

The mud guard support 715 is marked with an "X" and will later be mounted on the passenger's side, the mud guard support 716 marked "O" on the driver's side. First attach to these supports the mud flaps 717 and the mud guards 714 with four screws 114 and nuts 109 each. Then use screws 6, serrated washers 15, bushings 26, two washers 13 and M3 nuts to attach the supports to the holes at the rear of the frame.

12.2 Mounting the spring set and axle

Attach the open ends of the two long spring leaves 32 to the bushing and use a screw 3, bushing 26, washer 13 and M3 nut to screw the closed end to the frame. Press one each M3 nut into the hexagonal recess at the lower spring carrier 70. The axle 68 can now be mounted together with the spring carriers, one medium spring leaf 33 each, a short spring leaf 34 and screws 4.

⚠ Ensure that the end of the spring carrier 70 identified with an "M" is toward the wheel.

⚠ The ribbon cable with the two lamp PCBs should be mounted when attaching the rear axle and the differential!

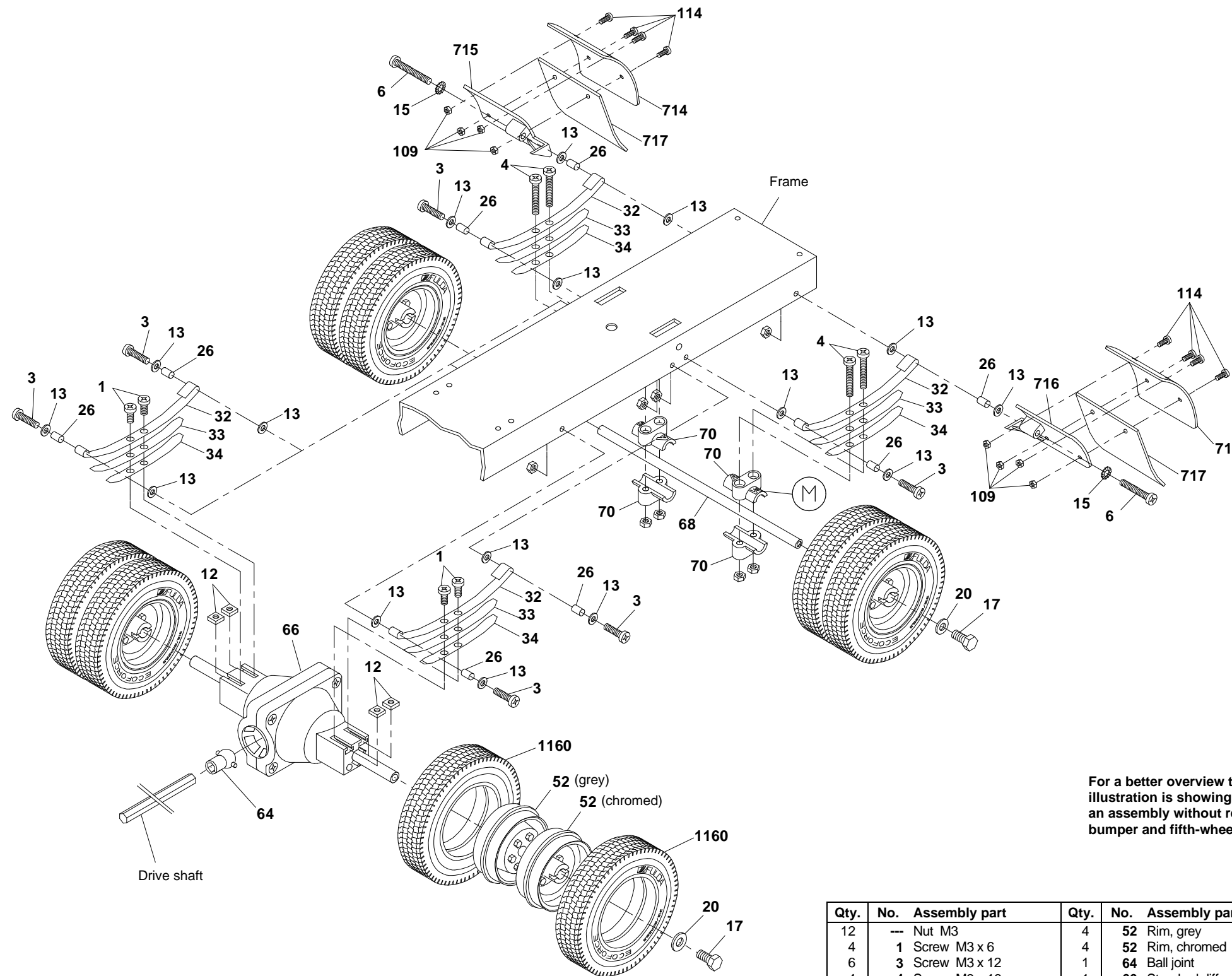
12.3 Mounting the spring set and differential

First attach the long spring leaves 32 to the frame. Once you have inserted one square nut 12 each into the grooves at the side of the differential the springs can be attached with screws 1. The differential has two cams on the wheel mounts; the grooves in the hubs are aligned exactly with these cams. The wheels are affixed using screws 17 (which will cut their own threads) and washers 20. Press the joint ball 64 into the joint socket at the mounted differential.

⚠ In no case should you use an M3 screw more than 6 mm long to affix the spring set as this would cause binding and damage the shafts on the differential!

12.4 Mounting the wheels

Once you have mounted the drive axle tyre 1160 on the rims 52 the wheels are mounted on the shaft, with the wheel nuts facing one another and the chromed rims toward the outside; secure with a washer 20 and a screw 17. The wheels should turn easily but there should not be too much play.

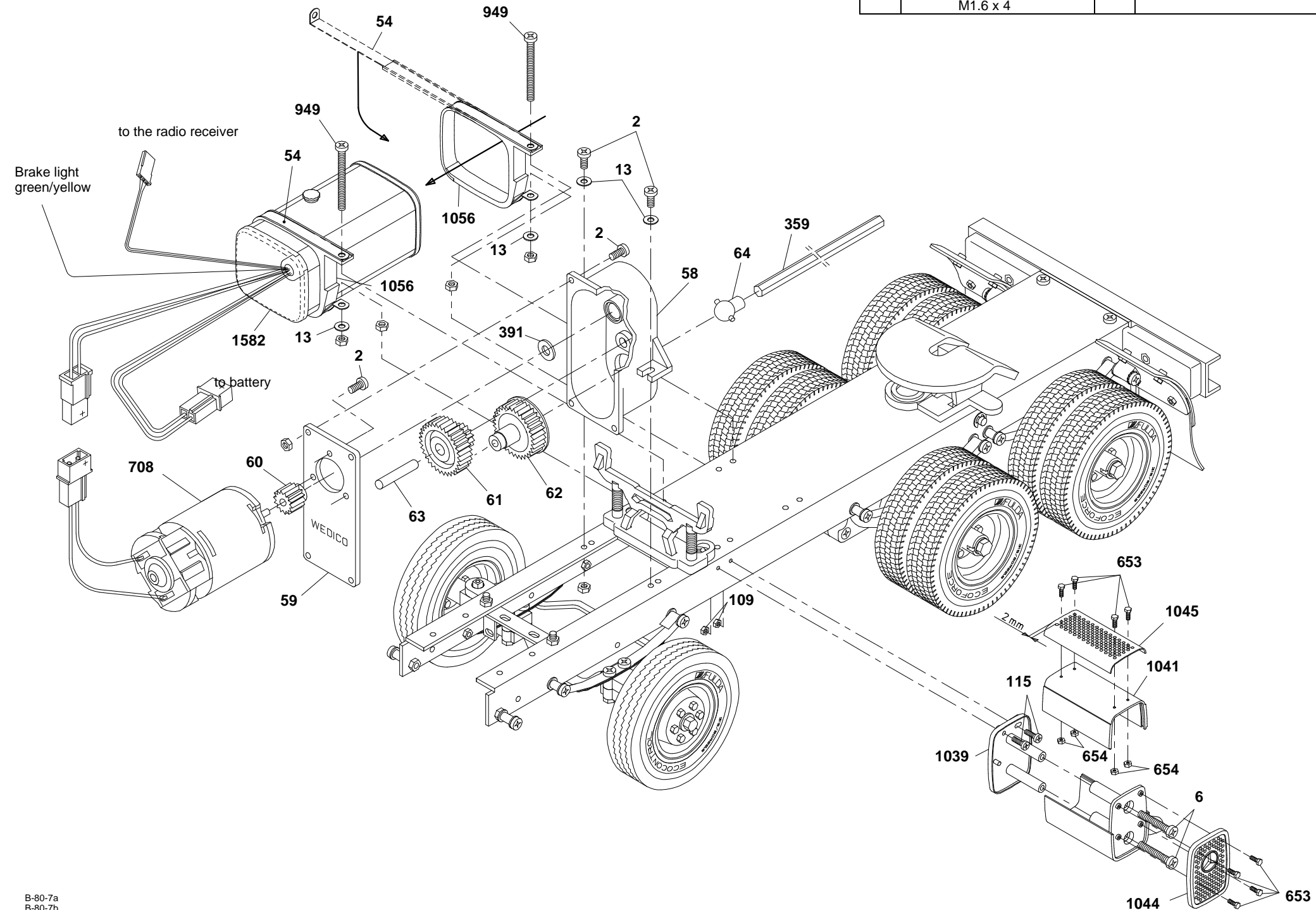
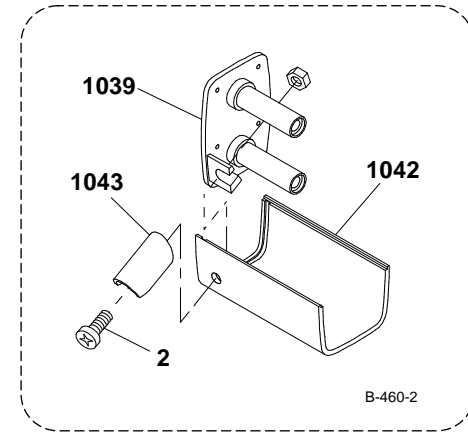


For a better overview the illustration is showing an assembly without rear bumper and fifth-wheel

Qty.	No.	Assembly part	Qty.	No.	Assembly part
12	---	Nut M3	4	52	Rim, grey
4	1	Screw M3 x 6	4	52	Rim, chromed
6	3	Screw M3 x 12	1	64	Ball joint
4	4	Screw M3 x 16	1	66	Standard differential, mounted
2	6	Screw M3 x 25	1	68	Rear axle 144mm
4	12	Square nut M3	1	68	Rear axle 144mm
16	13	Washer 3.2	4	70	Spring carrier, plastic
2	15	Serrated washer 3.2	8	109	Nut M2
4	17	Hex head screw M4 x 8	8	114	Screw M2 x 6
4	20	Washer 4.3	2	714	Mud guard
8	26	Bushing 4 x 0.5 x 7	1	715	Mudguard support "X"
4	32	Spring long, "AF"	1	716	Mudguard support "O"
4	33	Spring medium, "AF"	2	717	Mud flap
4	34	Spring short, "AF"	8	1160	Drive axle tyre "Ecoforce"



Qty.	No.	Assembly part	Qty.	No.	Assembly part
11	---	Nut M3	1	391	Shim 5 x 10 x 1
9	2	Screw M3 x 8	4	654	Nut M1.6
2	6	Screw M3 x 25	1	656	Socket wrench 3.2 / 2.5
4	13	Washer 3.2	1	708	Bühler motor including 14 teeth pinion
2	54	Clamp fitting, standard frame	2	949	Screw M3 x 35
1	57	Screw M3 x 10	1	1039	Exhaust panel, inside
1	58	Case for gear 116	1	1040	Exhaust panel, outside
1	59	Cap for gear 116	1	1041	Exhaust half shell, top
(1)	60	Motor pinion white, 14teeth	1	1042	Exhaust half shell, bottom
1	61	Double pinion	1	1043	Exhaust pipe
1	62	Gear wheel with joint socket	1	1044	Exhaust shield, front
1	63	Shaft for gear 116	1	1045	Exhaust shield, top
1	64	Ball joint	2	1056	Tank support for square tank
2	109	Nut M2	1	1582	Speed controller, square tank
2	115	Screw M2 x 8			
1	359	Drive shaft 145mm			
8	653	Hex head screw M1.6 x 4			



13 Drive section

13.1 Mounting the motor and gearbox

Use screws 2 to bolt the gear cover 59 to the motor 708 (we supply the white motor pinion 60 (14t.) already mounted to the motor shaft). Before assembling the gearing lubricate the gears and shafts lightly with Vaseline. Then clip the joint ball 64 in the gear wheel 62. Lay this gear wheel, the double pinion 61 with shaft 63 and -not to forget!- the shim 391 in the gear housing 58 and use screws 2 and M3 nuts to secure the gear housing to the cover. Once assembled, this unit is inserted from above into the opening in the frame and secured at the sides with screws 2, washers 13 and M3 nuts. At the same time the drive shaft 359 is inserted at the joint balls between the gearbox and the differential.

13.2 Mounting the speed controller

When affixing the speed controller 1582 please ensure that the ribbon cable with the two lamp PCBs are located between the frame and the screws used to affix the speed controller (ill. 8).

First mount each of the straight ends of the clamp fittings 54 along with the tank supports 1056 to the right-hand side of the frame; for this purpose use screws 949 and nuts M3. Now set the speed controller into the tank supports. Lay the long ends of the tank supports and the clamp fittings around the speed controller and fix the clamp fittings from underneath to the screws using washers 13 and nuts M3.

13.3 Mounting the exhaust unit

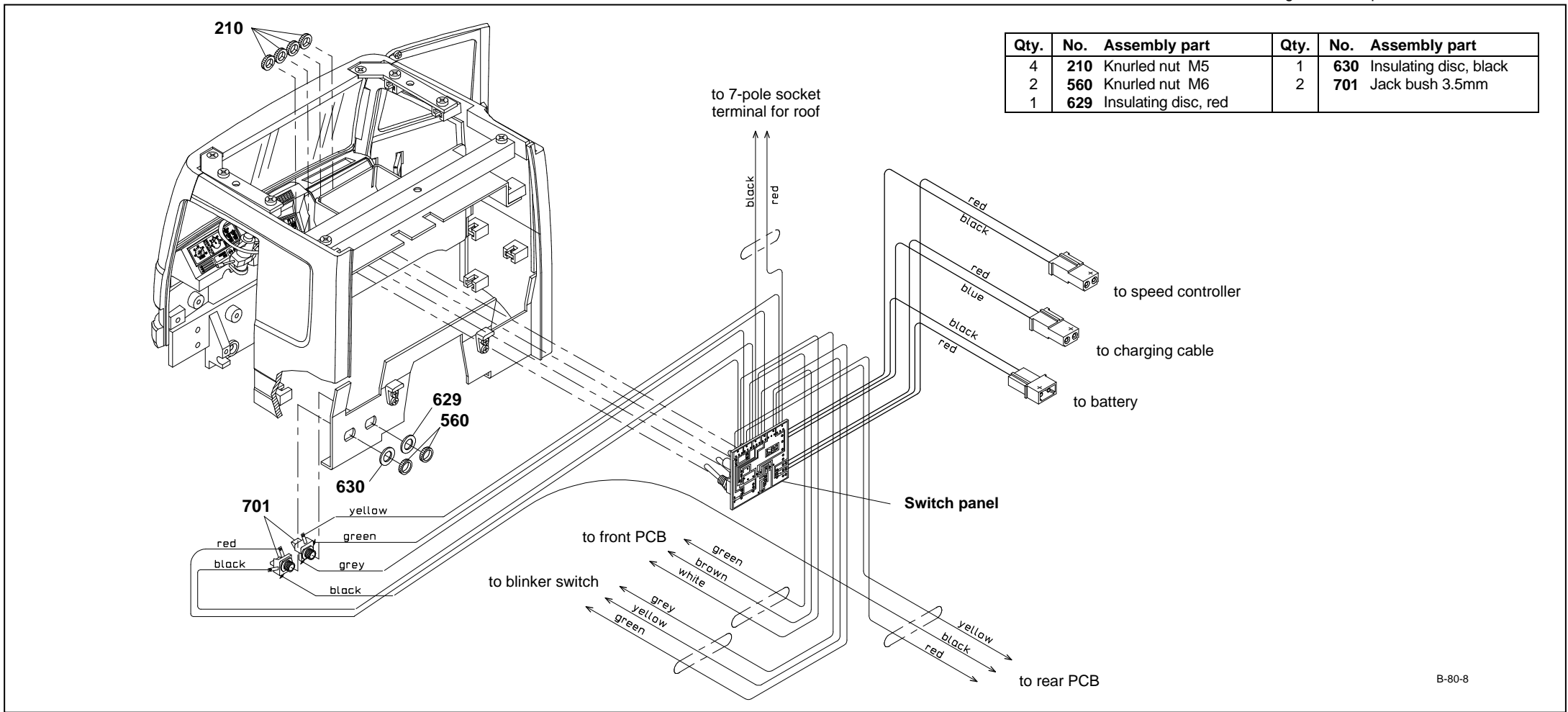
The threads in the plastic components are cut by the corresponding screws; therefore before starting the assembly it is advisable first to screw down them by approx. 2 mm and afterwards to unscrew them again.

First press the outer exhaust panel 1040 into the slot on the lower exhaust half shell 1042 and then mount the exhaust pipe 1043 with one screw 57 and nut M3 (see small drawing).

Using screws 115 and nuts 109 fix the inner exhaust panel 1039 onto the frame. Now fit the lower half shell along with the premounted outer panel into the inner exhaust panel and screw down screws 6 but do not fasten them.

Lay the upper exhaust shield 1045 onto the upper exhaust half shell 1041, so that the narrow edge (approx. 2 mm) lays towards the frame; connect both parts with screws 653 and nuts 654. For this purpose use that plastic wrench 656 supplied with this kit. Afterwards slide this premounted half shell into the inner exhaust panel; with it's slot set it suitably onto the outer exhaust panel. Once all components fit correctly, tighten screws

Finally add the front exhaust shield 1044 and fix it with four screws 653.

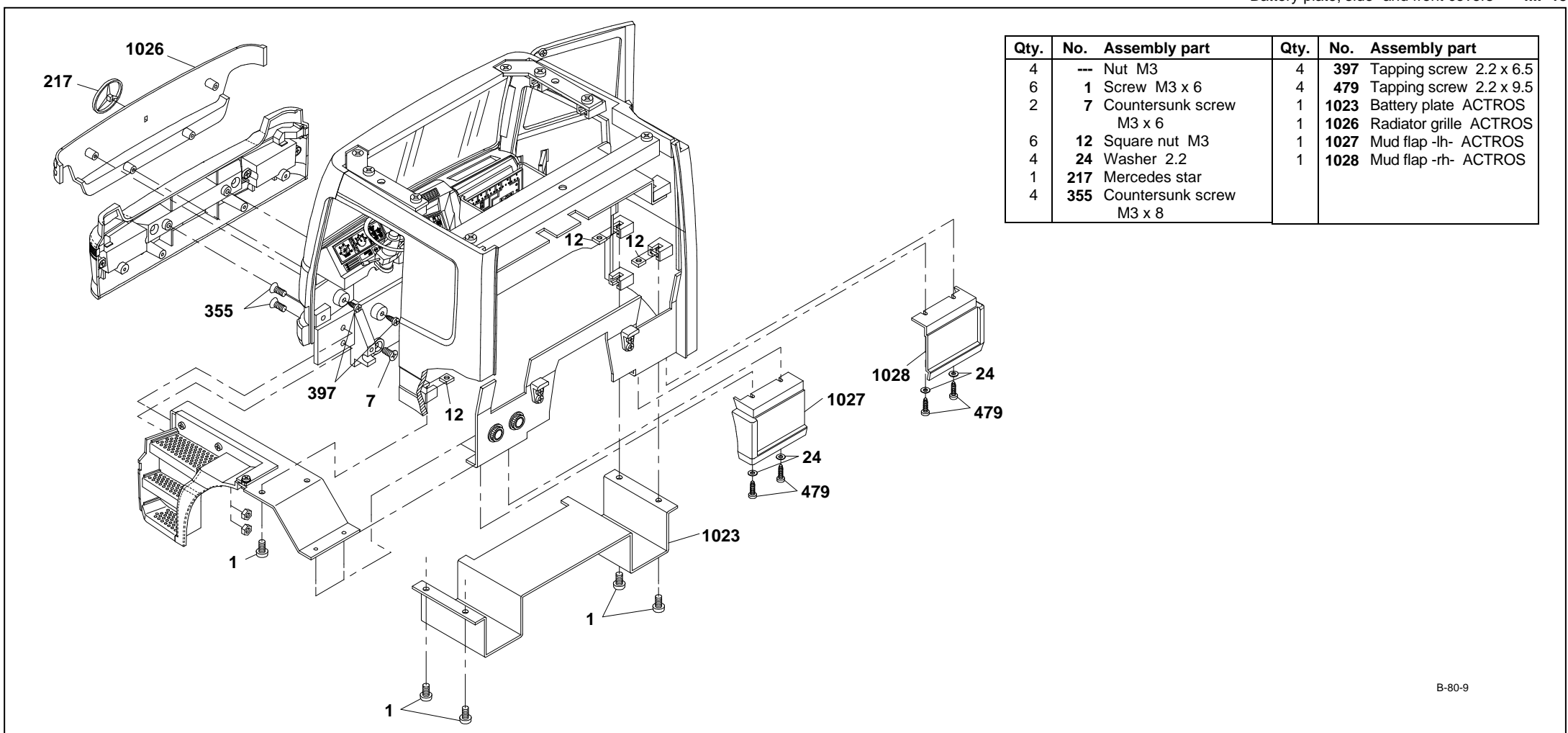


14 Mounting the switch panel into the cab

The jacks **701** attached to the switch panel are clipped into the matching slots in the lower rear panel. The insulating discs, red **629** and black **630**, are attached from the outside and secured with the knurled nuts **560**. The black insulating disc serves to identify the jack with the two black conductors!

⚠ When installing the rear panel make sure that the solder lugs of the jacks do not touch!

15 Battery plate, side- and front covers



15.1 Battery plate

Slide one square nut **12** into each groove on both lower fixing frames on the side panels. From inside press the battery plate **1023** - thereby the cut out shows in direction of the dashboard - horizontal between the side panels. Use screws **1** to fix the battery plate underneath the fixing frames.

15.2 Mounting the fenders with mud flaps

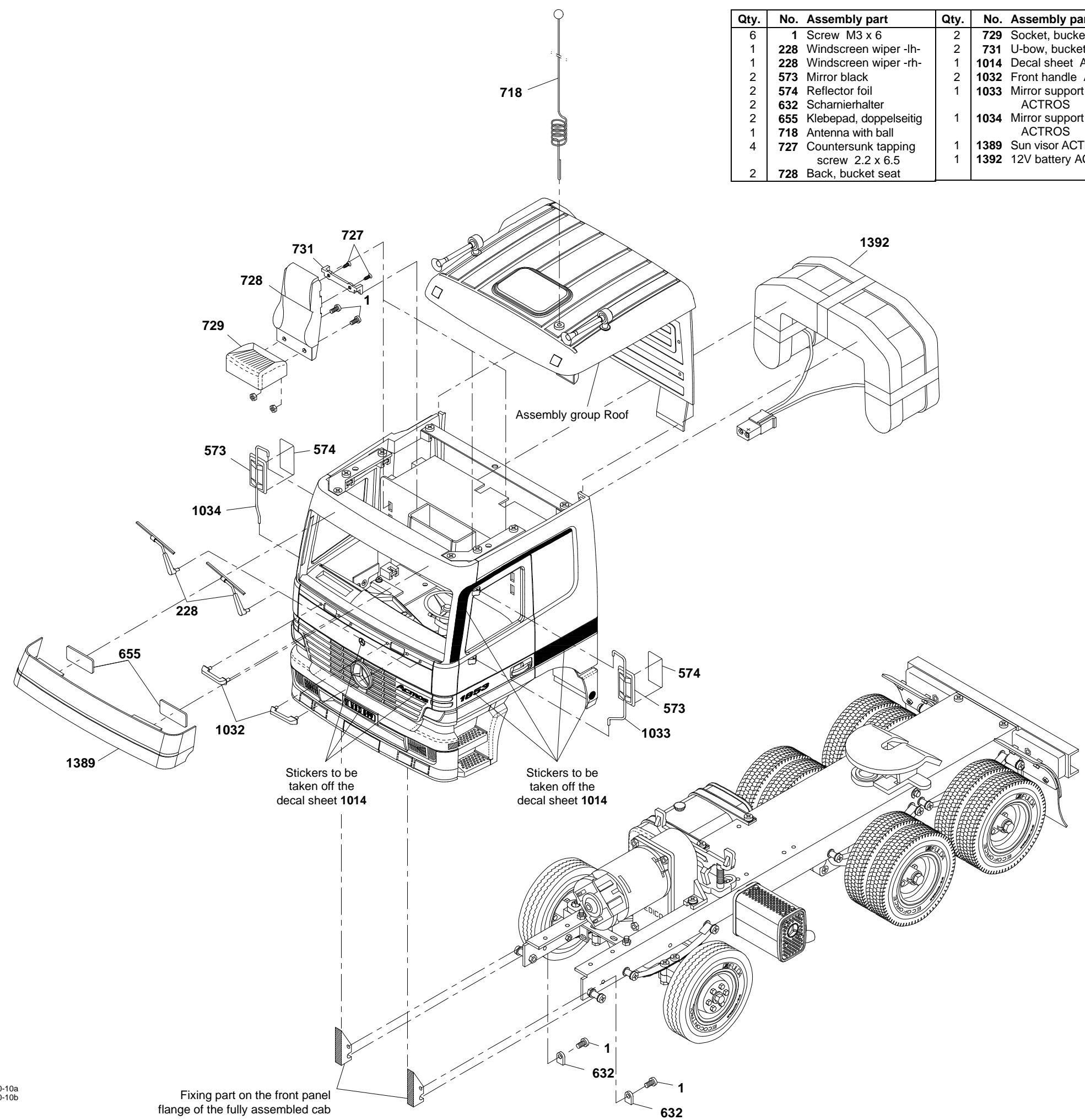
Slide one square nut **12** into the slot of the lower fixing frame on the left side panel. Attach the pre-mounted left fender under the cab, so that the fixing edge of the fender fits above the lower rear panel. Use two tapping screws **479** and washers **24** to connect from underneath the following parts: left mud flap **1027**, fixing device of the fender and lower rear panel. The fixing device of the fender has to be secured at the following points: with one screw **1** to the side panel, and with two countersunk screws **355** and nuts M3 to the front panel. Attach the right fender with the right mud flap **1028** in the same way.

15.3 Assembly of the front covering

Set the bumper with the lamp units previously added to the front panel and fix it from inside with two countersunk screws **7**. Above the bumper press the radiator grille **1026** to the front panel and fix it from inside with four tapping screws **397**. Afterwards press the Mercedes Star **217** into the opening provided for on the radiator grille.

Complete Kit ACTROS
Completion of assembly groups

Qty.	No.	Assembly part	Qty.	No.	Assembly part
6	1	Screw M3 x 6	2	729	Socket, bucket seat
1	228	Windscreen wiper -lh-	2	731	U-bow, bucket seat
1	228	Windscreen wiper -rh-	1	1014	Decal sheet ACTROS
2	573	Mirror black	2	1032	Front handle ACTROS
2	574	Reflector foil	1	1033	Mirror support -lh- ACTROS
2	632	Scharnierhalter	1	1034	Mirror support -rh- ACTROS
2	655	Klebepad, doppelseitig	1	1389	Sun visor ACTROS
1	718	Antenna with ball	1	1392	12V battery ACTROS
4	727	Countersunk tapping screw 2.2 x 6.5			
2	728	Back, bucket seat			



16 Final assembly

16.1 Attachment of the cab onto the frame
 Attach the cab by fixing the front panel onto the frame. Open slots at the flange on the bottom of the front panel serve for this purpose: Slide them onto those bushings screwed onto the front frame (see notes below), and then fix them with two hinge supports **632** and with screws **1**. Thus the cab tilts forwards.

16.2 Mounting the seats
 Use screws **1** and nuts M3 to attach the seat socket **729** onto the seat back **728**. With two screws **727** fix the U-bow **731** onto the lower fixing holes of the seat back. Hang the mounted seats into the slots of the seat rear panel.

16.3 Attachment of battery and roof
 From the rear set first the battery **1392** into the cab. The space between battery and battery plate may serve for the installation of a Diesel Engine Sound, Art.-No. 193.
 As described before, the proper roof is not fixed directly to the cab. From top slide the rear panel -previously mounted to the roof- between both side panels; that pigot mounted to the roof serves for securing it. The roof gets locked by turning those door locks you have added above the doors.

16.4 Attaching the small exterior components
 As shown in the illustration add now all stickers you have chosen for your cab from the decal sheet **1014**.
 Press the two windscreen wipers **228** and the two front handles **1032** into the holes at the front panel. The sun visor **1389** is attached above the windshield with two adhesive pads **655**. Insert the antenna **718** into the antenna socket after sliding the ball onto the tip of the antenna.

Finally add the side mirrors. Stick the reflector foil **574** onto the mirrors **573** and press them onto the mirror supports **1033** and **1034**. Hang on the complete mirror to the mirror supports you have already mounted to the doors.

B-80-10a
 B-80-10b



17 The electrical system

The wiring diagram shows the cable connections for the individual electrical components.

17.1 Mounting the switching panel and lamp PCBs

The switch panel is inserted into the seat rear panel of the cab. First connect the bulbs and cables and then clip the lamp PCBs in place at the front and rear in the supports provided for this purpose.

17.2 Information on the bulbs, troubleshooting

All the bulbs are 3-volt bulbs connected in series. This means that the conductors are not each connected to the supply voltage, as in an automobile. Instead, the ends are joined one to another to form a chain and the ends of the chain are attached to the power supply. Consequently just a single defective bulb will interrupt the entire circuit and none of the lamps in the chain will light. The best way to locate the defective bulb is to use a cable to bypass each of the bulbs in the series, one after the other. When you bypass the defective bulb, the rest in the chain will light. The reason for using a series circuit, which may appear to be complicated, is the low power consumption. 3-volt bulbs use far less power than 12-volt bulbs in relation to their brightness. The power consumed by a chain of up to five 3-volt bulbs is just 0.1 A in the series connection which we use; 12-volt bulbs, by comparison, would draw 0.3 A.

17.3 Wiring the roof lamps

Connect the red/black cable of the switch panel to the 7-pole socket terminal provided for the roof. Then connect the bulb wires as well as the resistor to the 7-pole pin terminal underneath the roof (see also illustration 4.5).

17.4 Wiring at the rear lamp PCB (tail and brake lights, rear blinkers)

The red/black/yellow cable exiting the switch panel for the rear lamps is routed under the frame and to the rear and connected to the PCB - marked on the bottom with „H“ for rear - as shown in the illustration. The green/yellow brake light cable coming from the speed controller is also to be connected at this PCB. Once the bulb leads have been attached, the PCB is clipped in place at the support which was previously affixed with adhesive pads.

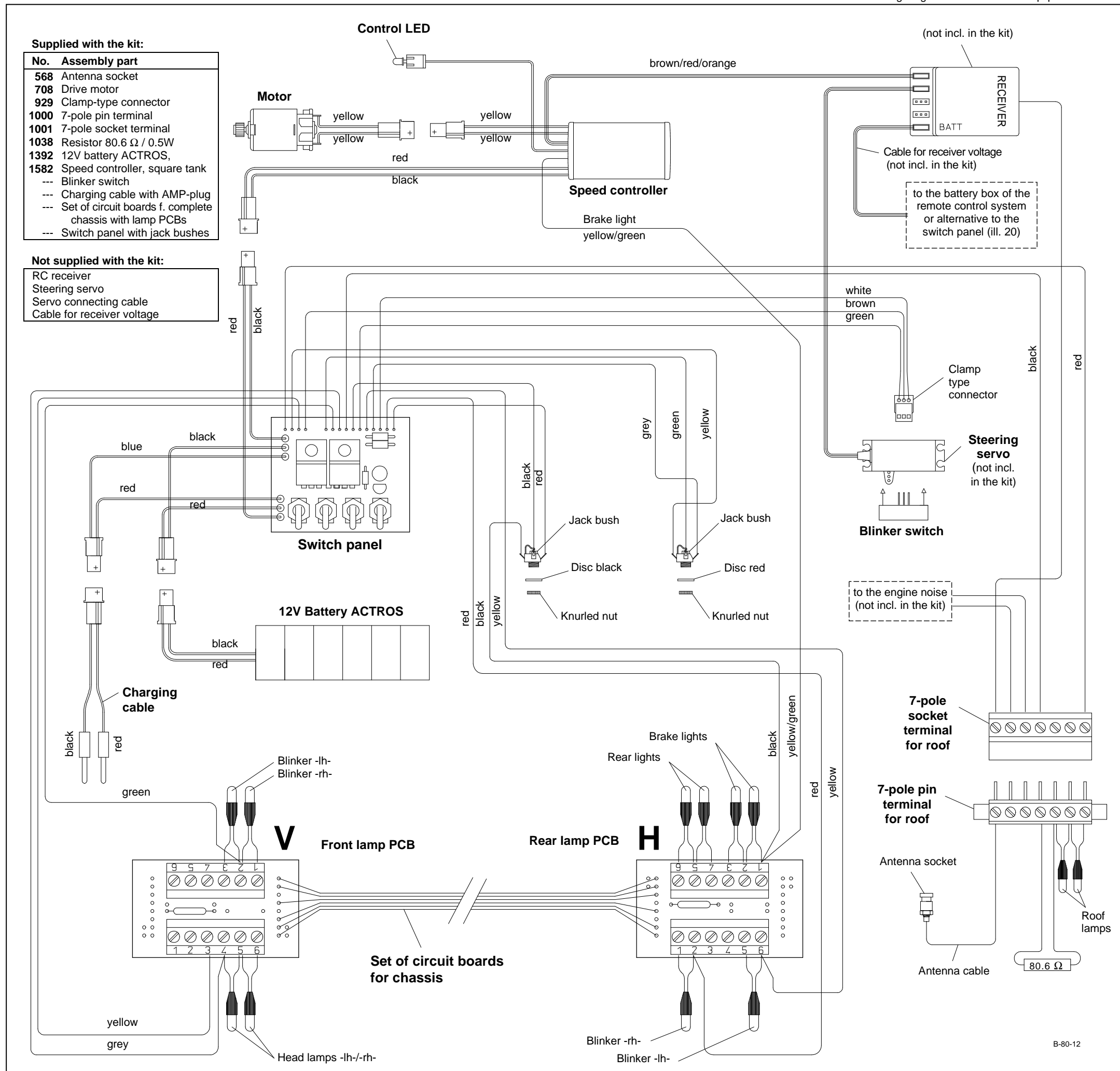
Explanation: The green/yellow brake light cable connects the brake light bulbs to ground when the vehicle is at a standstill. This circuitry incorporates an element which limits the current to 750 mA and will disable the circuit in case of an overload or short. Switching off the supply voltage for about one second will reset this element, provided that the reason for the malfunction has been corrected.

17.5 Wiring at the front lamp PCB (headlamps, front blinkers)

The green/yellow/grey cable serving the lamps at the front also exits from the switch panel and is routed below the frame and to the front in exactly the same fashion. After connecting to the PCB - marked on the bottom with „V“ for front - and connecting the bulb leads, the lamp PCB is clipped in place in the support previously mounted.

17.6 Wiring the blinker switch

The green/brown/white cable for the blinker switch terminates in a clamp-type connector (see therefore ill. 17a on page 14). This connector is attached to the blinker switch (if the direction of travel does not correspond to the blinking, please rotate it through 180°, mounted beneath the steering servo, already illustrated in ill. 9.



17.7 Connecting the speed controller

Connect the AMP socket with the yellow cables to the corresponding AMP plug at the drive motor, and the AMP plug with the red/black cables to the AMP socket at the switch panel.

The connection of the green/yellow brake light cable has already been described in Section 17.4. The signal "brake light" is switched by minus line, and it is time-triggered: As soon as one changes the position of the control lever from either "forward" or from "reverse" to the neutral position (switched-off), the brake light starts lighting for approx. eight seconds. But as soon as the travelling operation is started again, the brake light stops automatically its blinking, even before having finished these eight seconds.

Attach the connecting socket with the brown/red/orange cable to one of the receiver terminals. If the socket doesn't match the receiver, you will need to add an adapter cable (not making part of this kit).

17.8 Starting the electrical system (see switches, ill.17b)

The electrical system is put into operation by turning on the main switch; the LED blinks. Then the transmitter and receiver are switched on, in this order. (Always switch off the receiver first and then the transmitter!) If a speed controller has been installed, the brake lights will go on. If the light switch is on, the headlamps, the roof lamps and the tail lamps will light.

18 The speed controller

The WEDICO speed controller is matched to the WEDICO-Bühler motor. The electronics are permanently installed in a tank housing, which should never be opened! Never apply force as this could damage the speed controller and nullify any and all guarantee entitlements. Prior to its supply, each speed controller is individually tested and provided with a basic programming. In your particular case, probably this general basic programming may not be the optimal for the type of RC equipment you are using, but you of course may change it (for further details please refer to the section 18.2 "programming").

18.1 Starting the speed controller

Switch the electrics on by the following sequence: start by the main switch of the Electr. System, then switch on the transmitter, and finally the receiver; keep your eye on the control LED. Before you make the motor starts working remote-controlled, it is the speed controller which has first to detect the programmed neutral position; this position sits approx. in the centre on the control lever of your transmitter unit. Once the speed controller has correctly detected said position, as a confirmation the control LED starts blinking for a ten times term. Only then one may consider the speed controller as in state of readiness; and now the motor power can be controlled for both senses of direction via the control lever.

18.2 How to programme the speed controller

Continue paying your attention to the control LED. For the correct adjustment of the control lever on the transmitter, set the shift controller in neutral position; slide then the control lever into that position at which you wish the motor to be "off". As a confirmation, lightly press the programming key "4" on the speed controller (refer to next paragraph). Do not move the control lever on the transmitter. Now, the speed controller detects the neutral position, and the control LED starts its ten times blinking.

Immediately after the blinking activity has started, slide the control lever into the position for maximum "forward" speed; secure the lever at this point. Do not move it. Even after the 10th blinking, the control LED remains dark. As soon as the transmitter of your RC equipment has detected the pulse corresponding to the maximum speed, the control LED starts blinking again for a ten times term.

Immediately after the start of this blinking activity move the control lever from the position "forward" directly to the position provided for maximum "reverse" speed; secure the lever at this position. Again, after the 10th blinking the control LED remains dark. Once the transmitter of the RC unit has detected that pulse responsible for the maximum speed, the control LED starts blinking again.

This signifies that the programming procedure of the speed controller has been completed. The transmitter of the RC unit has successfully detected the pulse coming from the speed controller, and now the complete system is ready to operate.

If an error has been made during the programming procedure, the system will not accept the new figures. In this case switch your Electrical System off just for a short moment, and then switch it on again; this procedure will re-activate the previous version of the programming you have chosen for your speed controller. At this stage you may start again any new programming.

18.3 Options for adjusting the speed controller

The holes at the rear tank cover are identified by numbers and serve for the following types of adjustments, as there are:

- to "3": By a potentiometer, adjustment of the maximum motor speed from 50 to 100% for the 1st direction (either forward or reverse, see below),
- to "4": By key initiating the programming procedure,
- to "5": By potentiometer, adjustment of the maximum motor speed from 50 to 100% for the 2nd direction (either forward or reverse, see below).

It is by testing only that you find out which of both holes, either "3" or "5", is responsible for the maximum motor speed of the direction "forward" resp. the direction "REVERSE".

Standard values on the speed controller are adjusted by manufacturers. For any alteration of adjustment use a small screwdriver. Be careful and don't apply any force!

18.4 Troubleshooting

No blinking activity on the speed controller after having put into operation	The position of the shifting lever provided for the adjustments does not correspond to the position of the programming procedure. Make sure the shifting lever has been set to neutral position!
Motor does not react at all	Inadequate wire connections; receiver voltage below 3 V; main NiCads too low (below 8 V)

19 Charging the drive battery

For charging the drive battery connect as follows:

- the AMP-plug of the charging cable to that AMP-socket with the blue/red cable of the cab's switch panel,
- the banana plugs of the charging cable to a charging unit.

Warning: Ensure that the banana plugs for the charging cable do not touch while the charging cable is connected to the switch panel.

At normal discharge levels it will take about 12 to 14 hours to recharge the battery (at 150 mA). Quick charging should be used only in exceptional cases at a maximum of 1.5 A for one hour.

20 The remote control system

To operate the speed controller and the steering servo an inexpensive 2/4 channel system will be sufficient. Should you intend installing additional electrical accessories, such as e.g. Diesel Engine Sound, Art.-No. 193, for an RC equipment we would recommend a 2/4 channel unit, offering the installation of retrofit sets for the operation of switching functions. Please ask your dealer for advice. Follow the instructions provided by the RC system manufacturer when installing the receiver unit.

Should you don't wish the receiver voltage of your radio unit being supplied via an independent battery, you may connect it to your 12V truck battery. For this purpose you have to solder the wires of the receiver battery onto the switch panel (see ill. 20).

Note: By the installed voltage regulator (as a series fitting) the battery voltage of 12V on the switch panel is now automatically being reduced to 5 volts.

21 Supplementary information

Attention: This special electrical equipment making part of our production line "Complete Kits" will not fit any other electrical accessory offered within the range of WEDICO System-Kits.

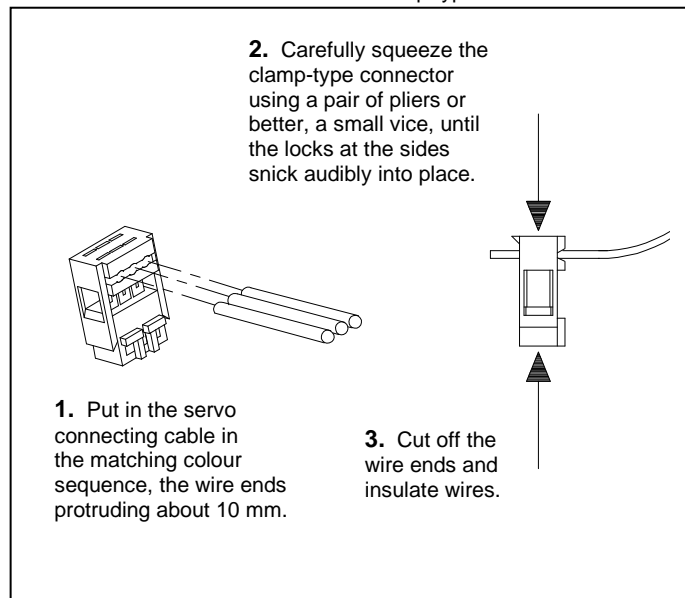
Should you once wish to extend your "Complete Kit" by one or the other electric accessory you will have to exchange this electrical system. WEDICO offers you the following Electrical Systems:

- Art.-No. 783: The information to the semi-trailer is transmitted via a multi-frequency system. When adding an Infrared System (Art.-Nr. 790 as transmitter, and Art.-No. 791 as receiver), you may drive your prime mover with any of a semi-trailer - it does not depend on the type of Electrical System your truck is equipped with.
- Art.-No. 796: The information is serially transmitted via one data line only inside the prime mover. The information to the semi-trailer is transmitted via an Infrared Diode (transmitter).

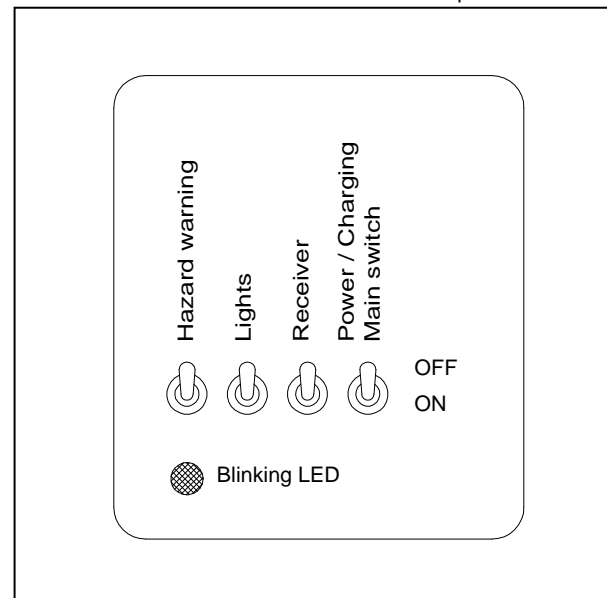
Except these electrical components, all other accessories (for standard chassis) being offered within our programme WEDICO System-Kits will fit your truck and/or semi-trailer and may be installed.

At electrical connections, please make sure that **soldering points are clean and plug connectors are properly cramped!** Loose plugs and loosely twisted wire connections cause faults which are often hardly to locate.

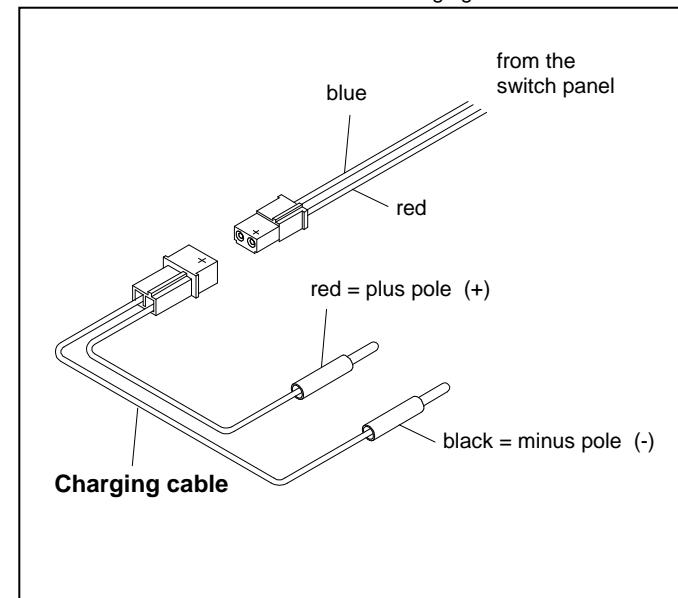
Attachment of the clamp-type connector ill. 17a



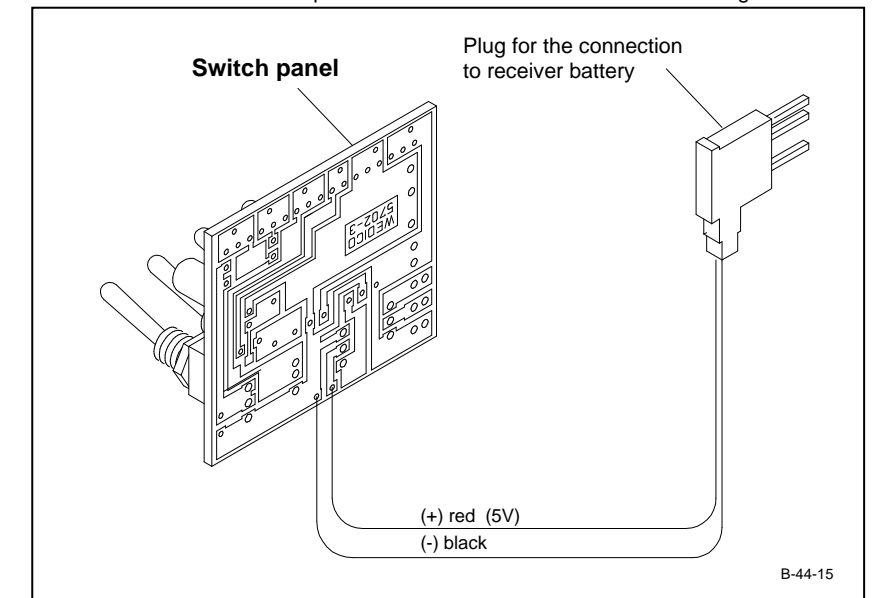
Switches of the switch panel ill. 17b



Charging the batteries ill. 19



Solder points for the connection of 5V receiver voltage ill. 20



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

Qty.	No.	Assembly part	EDP-No.	Qty.	No.	Assembly part	EDP-No.	Qty.	No.	Assembly part	EDP-No.	Qty.	No.	Assembly part	EDP-No.
64	---	Nut M3.....	20040	2	176	Coil spring for lever.....	20260	1	929	Clamp-type connector, 3-pole.....	21772	1	1017	Side panel -lh-, ACTROS	
41	1	Screw M3 x 6.....	20016	4	210	Knurled nut M5.....	20440	2	949	Screw M3 x 35.....	21844			white.....	27338
25	2	Screw M3 x 8.....	20018	1	217	Mercedes star.....	21956	1	968	Inside door panel -lh-.....	27042			blue.....	27340
10	3	Screw M3 x 12.....	20022	1	222	Seat rear panel.....	21962	1	969	Inside door panel -rh-.....	27044			yellow.....	27342
10	4	Screw M3 x 16.....	20024	1	228	Windscreen wiper -lh-.....	21972	2	970	Support 2, door hinge.....	27064	1	1018	Side panel -rh-, ACTROS	
4	5	Screw M3 x 20.....	20224	1	228	Windscreen wiper -rh-.....	21974	4	971	Door hinge 2.....	27054			white.....	27330
4	6	Screw M3 x 25.....	20026	2	341	Blinker lens high, orange.....	20304	4	972	Door hinge 3.....	27056			blue.....	27332
2	7	Countersunk screw M3 x 6.....	20028	4	342	Lens/rear light high, red.....	20308	2	973	Door hinge 1.....	27052			yellow.....	27334
24	12	Square nut M3.....	20044	6	355	Countersunk screw M3 x 8.....	20030	2	974	Door hinge 4.....	27058	1	1019	Windscreen ACTROS.....	27072
45	13	Washer 3.2.....	20046	1	359	Drive shaft 145mm.....	20716	4	975	Support 1, door hinge.....	27060	1	1020	Fixing plate for front -lh-.....	27286
6	14	Spring washer 3.2.....	20056	1	391	Shim 5 x 10 x 1.....	23346	1	976	Door -lh-, ACTROS		1	1021	Fixing plate for front -rh-.....	27288
6	15	Serrated washer 3.2.....	20054	4	397	Tapping screw 2.2 x 6.5.....	23690	1		white.....	27354	1	1022	Fixing angle for side panels.....	27278
4	17	Hex head screw M4 x 8.....	20036	4	470	Mirror hinge, bottom.....	24292	1		blue.....	27356	1	1023	Battery plate ACTROS.....	27266
2	18	Hex head screw M4 x 25.....	20038	4	479	Tapping screw 2.2 x 9.5.....	24868	1		yellow.....	27358	2	1025	Stopping device for cab lock.....	27262
2	19	Nut M4.....	20042	1	498	Switch dashboard.....	24714	1	977	Door -rh-, ACTROS		1	1026	Radiator grille ACTROS.....	27038
8	20	Washer 4.3.....	20048	2	560	Knurled nut M6.....	---	1		white.....	27346	1	1027	Mud flap -lh- ACTROS.....	27034
3	21	Tapping screw 2.2 x 4.5.....	20052	11	564	Countersunk				blue.....	27348	1	1028	Mud flap -rh- ACTROS.....	27036
6	24	Washer 2.2.....	21210			tapping screw 2.2 x 4.5.....	25072			yellow.....	27350	1	1029	Cab locking device ACTROS.....	27256
2	25	Retaining washer 3.2.....	20058	1	568	Antenna socket, complete.....	20430	1	978	Door trim -lh-.....	27046	1	1030	Cab base ACTROS.....	27258
16	26	Bushing 4 x 0.5 x 7.....	20088	2	573	Mirror black.....	20398	1	979	Door trim -rh-.....	27048	2	1032	Front handle ACTROS.....	27070
2	27	Axle tube.....	20150	2	574	Mirror foil.....	20366	2	980	Door lock.....	27050	1	1033	Mirror support -lh- ACTROS.....	27272
2	29	Ball bolt M3.....	20170	2	611	Door handle, MAN.....	25444	2	981	Door window.....	27276	1	1034	Mirror support -rh- ACTROS.....	27274
3	30	Ball socket.....	20172	2	624	Headlight lens, MAN.....	25338	1	982	Fender with entry, -lh-.....	27014	1	1037	Reflector foil.....	27462
6	32	Spring long, "AF".....	20132	1	629	Insulating disc, red.....	26230	1	983	Fender with entry, -rh-.....	27016	1	1038	Resistor for roof lamps,	
8	33	Spring medium, "AF".....	20134	1	630	Insulating disc, black.....	26232	1	984	Fixing plate for fender, -lh-.....	27074			80.6 Ohm, 0.5 W.....	25868
6	34	Spring short, "AF".....	20136	2	632	Hinge support.....	25704	1	985	Fixing plate for fender, -rh-.....	27076	1	1039	Exhaust panel, inside.....	27094
2	36	Threaded rod M2 x 50.....	20268	8	653	Hex head screw M1.6 x 4.....	24614	1	986	Top stepboard, -lh-.....	27080	1	1040	Exhaust panel, outside.....	27096
4	41	Half-axle guard.....	20144	4	654	Nut M1.6.....	23734	1	987	Top stepboard, -rh-.....	27082	1	1041	Exhaust half shell, top.....	27098
2	42	Steering lever.....	20146	8	655	Adhesive pad, double-sided.....	20410	1	988	Centre stepboard, -lh-.....	27084	1	1042	Exhaust half shell, bottom.....	27100
1	44	Link lever.....	20148	1	656	Socket wrench 3.2 / 2.5.....	24800	1	989	Centre stepboard, -rh-.....	27086	1	1043	Exhaust pipe.....	27250
1	46	Frame tail piece.....	20002	2	701	Jack bush 3.5mm.....	26076	1	990	Bottom stepboard, -lh-.....	27088	1	1044	Exhaust shield, front.....	27252
1	47	Bumper, rear.....	20006	2	707	Horn.....	20350	1	991	Bottom stepboard, -rh-.....	27090	1	1045	Exhaust shield, top.....	27254
4	52	Rim, grey.....	20128	1	708	Bühler motor incl. 14 teeth pinion... 22298		1	993	Rear panel, top, ACTROS		3	1046	Bolt with thread.....	27412
6	52	Rim, chromed.....	20420	2	709	Lamp cap.....	20264			white.....	27366	2	1056	Tank support for square tank.....	27404
2	53	Standard tyre "Ecocontrol".....	28840	1	710	Carrier plate for support PCB.....	23334			blue.....	27368	8	1160	Drive axle tyre "Ecoforce".....	28172
2	54	Clamp fitting, standard frame.....	20124	12	713	Bulb 3V.....	20310			yellow.....	27370	2	1385	Threaded bushing 18mm.....	28676
1	55	Front axle.....	20142	2	714	Mud guard.....	21272	1	994	Locking sheet for roof, -lh-.....	27292	1	1386	Roof, Complete Kit ACTROS "C"	
1	56	Steering wheel.....	20156	1	715	Mudguard support "X".....	21275	1	995	Locking sheet for roof, -rh-.....	27294			white.....	29322
5	57	Screw M3 x 10.....	20020	1	716	Mudguard support "O".....	21274	1	996	Guide sheet for roof.....	27290			blue.....	29324
1	58	Case for gear 116.....	20318	2	717	Mud flap.....	24074	1	997	Lens for roof lamp, -lh- ACTROS.....	27282			yellow.....	29326
1	59	Cap for gear 116.....	20320	1	718	Antenna with ball.....	20432	1	998	Lens for roof lamp, -rh- ACTROS.....	27284	1	1387	Rear panel, bottom	
(1)	60	Motor pinion, white, 14teeth.....	20300	1	719	Cover for blinker switch.....	24920	1	1000	7-pole pin terminal.....	27386			Complete Kit ACTROS "C"	
1	61	Double pinion for gear 116.....	20324	1	720	Base for blinker switch.....	24916	1	1001	7-pole socket terminal.....	27388			white.....	29328
1	62	Gear wheel with joint socket.....	20326	2	721	Spring, single bent.....	25066	1	1002	Air filter, outside part ACTROS.....	27066	1	1002	Air filter, outside part ACTROS.....	27066
1	63	Shaft 5 x 24 for gear 116.....	20330	1	722	Spring, double bent.....	25068	1	1003	Air filter, inside part ACTROS.....	27062	1	1003	Air filter, inside part ACTROS.....	27062
2	64	Ball joint.....	20328	2	723	PCB support, small.....	21530	1	1004	Air filter, side part ACTROS.....	27068	1	1004	Air filter, side part ACTROS.....	27068
1	66	Standard differential, mounted.....	21234	1	724	Lever for blinker switch.....	24918	1	1005	Bumper ACTROS.....	27012	1	1005	Bumper ACTROS.....	27012
1	68	Rear axle 144mm.....	20126	8	727	Countersunk tapp. screw 2.2 x 6.5.....	26252	1	1006	Headlight housing -lh- ACTROS.....	27018	1	1006	Headlight housing -lh- ACTROS.....	27018
4	70	Spring carrier, plastic.....	20138	2	728	Back, bucket seat.....	26032	1	1007	Headlight housing -rh- ACTROS.....	27020	1	1007	Headlight housing -rh- ACTROS.....	27020
1	71	Standard fifthwheel.....	20008	2	729	Socket, bucket seat.....	26030	1	1008	Blinker lens outside -lh- ACTROS.....	27026	1	1008	Blinker lens outside -lh- ACTROS.....	27026
1	72	Bar for kingpin.....	20010	2	731	U-bow, bucket seat.....	26036	1	1009	Blinker lens outside -rh- ACTROS.....	27028	1	1009	Blinker lens outside -rh- ACTROS.....	27028
1	73	Shaft for fifthwheel.....	20012	2	741	Screw M2 x 4.....	26236	1	1010	Blinker lens -lh- ACTROS.....	27030	1	1010	Blinker lens -lh- ACTROS.....	27030
1	74	Draw spring.....	20462	5	742	Screw M2 x 5.....	26238	1	1011	Blinker lens -rh- ACTROS.....	27032	1	1011	Blinker lens -rh- ACTROS.....	27032
2	75	Door handle.....	20084	1	760	Servo angle 1, small.....	26122	1	1014	Decal sheet ACTROS.....	27296	1	1014	Decal sheet ACTROS.....	27296
2	76	Door lock.....	20086	1	789	Fork head.....	20400	1	1015	Dashboard ACTROS.....	27040	1	1015	Dashboard ACTROS.....	27040
25	109	Nut M2.....	21208	14	827	Pin for door hinge.....	25980	1	1016	Rear panel, top, ACTROS				white.....	27322
4	111	Self-cutting screw M3 x 8.....	20223	2	907	Countersunk screw M2 x 8.....	26688			blue.....	27324			blue.....	27324
18	114	Screw M2 x 6.....	21268	2	908	Stop nut M3.....	30568			yellow.....	27326			yellow.....	27326
2	115	Screw M2 x 8.....	21269	2	926	Countersunk screw M2 x 5.....	25224								

22 General parts list

For gaining an easier overview of all single components and their necessary quantity for the correct assembly of this model, on the left side of this page you find a complete list including each single item. For reasons of packaging some of the small parts are packed in a higher number of pieces than necessary. On the left side you find the quantity mentioned for each part. Next to this column you find the numbers of the assembly parts and their terms, followed by the EDP-numbers to be used when re-ordering one or the other item.