English Servicemanual Miniflex



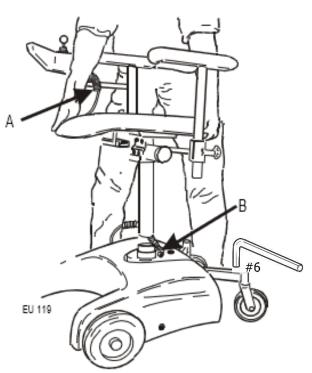


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\triangle	Warning	(3)	Read the user manual
\triangle	Warning risk of crushing	Ħ	Seat angle
爲	May not be ironed	3	Bakrest angulation
P	No strong chemical liquid	Ŧ	Bakrest height
\boxtimes	No clorine bleache	H	Seat depth
\boxtimes	Do not tumble dry	41	Armrest height
607	Maschine wash 60 degrees	(1)	Control button seat function
Ť	Protected aginst moisture	™	Charging socket
Ī	Handle with care	Q	Input controler
<u>††</u>	This side up	<u>A</u>	SWL
1	Permissible temperature	∱	Applied part Type B
Æ	Permissible humidity		
\$2000m	Permissible heigth		
	Date of manufacture		
•••	Manufacturer		
	Indoor use only		
۴å	Maximum user weight		
SN	Serial number		
C€	CE mark shows compliance with EU regulations		
Ø	Electrical components at		
50	special recycling The product is part of		
Â	recycling system Component weight over		
ZA ME	10kg Operating cycle		

Dismantling the seat from the chassis

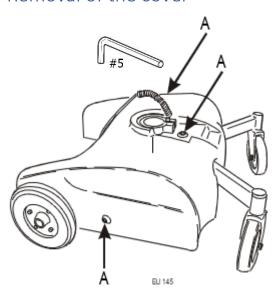


- Turn off the wheelchair
- Detach the bus cable A and if the chair is equipped with electric tilt / electric back angle, these cables are disconnected from the actuator and anchors in the seat cross.
- Loosen screw B with Allen key 6mm.
- Lift the seat unit.
- Place a block under the pipe in the chassis to get the right ground clearance.
- When assembling check that the seat is parallel to the wheels.
- Fasten screw **B** with a 6mm Allen key.
- Connect the Bus cable.
- Connect any electrical actuators and anchor the cables with cable ties.



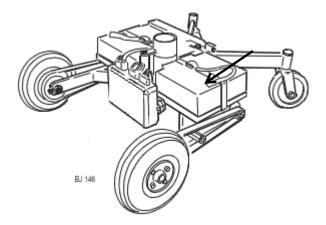
When you loosen screw B, the lifting column slides down towards the floor. Risk of pinching.

Removal of the cover



- Loosen six screws A that hold the cover with Allen key 5mm.
- Lift off the cover.

Replacing the batteries

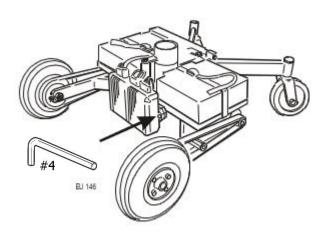


- Remove the cover, see above.
- Loosen the straps that hold the batteries.
- Turn off the main switch, on the circuit breaker.
- Detach the plus and negative terminals from the batteries.
- · Remove the batteries.
- Install new batteries, making sure that battery cables marked with + are attached to the positive terminal of the battery and minus to the negative terminal.



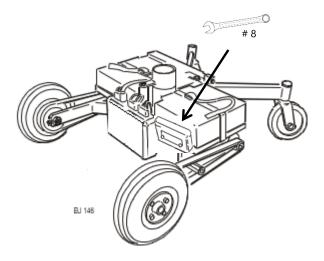
Observe caution risk of short circuit, work without metal jewelry/watch straps.

Replacement of control electronics



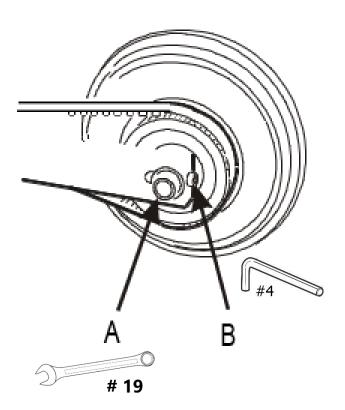
- Unplug all connectors from the electronics.
- Loosen the screws holding the electronics With Allen key 4mm.

Replacement of actuator module



- Disconnect the Bus connector and the connectors for the seat actuators.
- Loosen the screws holding the module, lift out the module.
- Assemble the new module in reverse order.

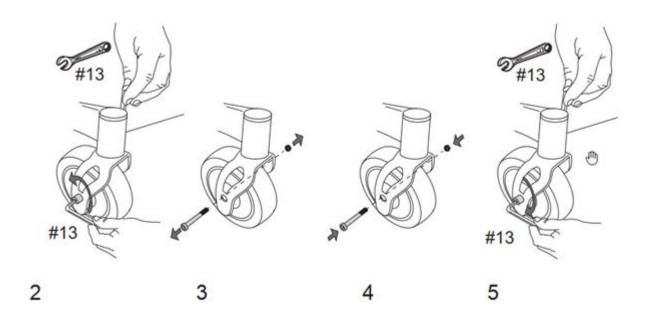
Replacing the drive belt



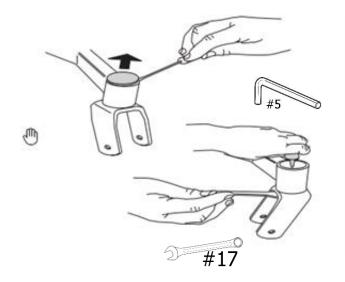
- Loosen the lock nut **A.** with wrench 19mm.
- Loosen the clamping screw B with the Allen key 4mm until the belt can be removed.
- Release the brake so that the belt can be rolled off.
- **Install** a new belt.
- Tighten the strap with clamping screw B.
 Correct belt tension by pressing on the
 belt with a load of 1kg, the belt should
 then sink 6mm for the short belt and
 7mm for the long strap.
- Tighten the lock nut A.

Castor Wheel Replacement

Place a wooden block or similar under the control arm to relieve pressure on the wheel. **2.** Loosen the wheel bolt with Allen key 5mm and fixed wrench 13mm. **3.** Remove the screw and lock nut, loosen the wheel and replace or clean it. Always install a new screw and lock nut. Sec. 5. Tighten the screw/nut securely, try to make the wheel spin without seizing.

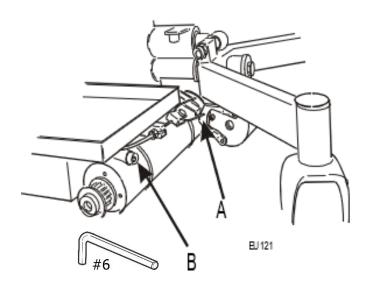


Replacement fork and bearings



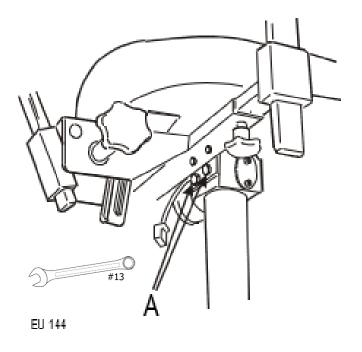
- Remove the plastic cover using a screwdriver or similar.
- Loosen the screw from above with Allen key 5mm while holding the nut from underneath with fixed wrench 17mm.
- Install a new fork and bearings or only a new bearing.
- Re install the plastic cover.

Replacement drive motor



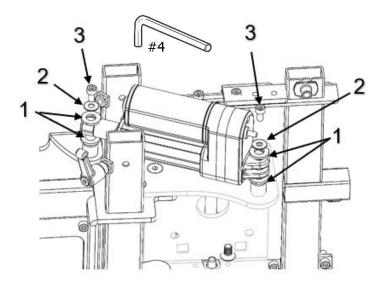
- Dismantling the drive belt (see above)
- Unplug your motor contact (M1, M2) from the electronics.
- Cut off the cable ties on the battery box.
- Loosen screw **A** on the right cable lock nipple and pull out the wire.
- Loosen screw B on the frame's engine mount with Allen key 6mm and unplug the motor.
- Install new engines in reverse order. Note that the motor should be pushed in so that it is in contact with the mount.
- After installation, check that:
- The brake neutralizer does not run too sluggishly.
- Function of the microswitch.
- Both motors disengage.

Dismantling seat actuators



- Remove the seat unit from the chassis (see page 3)
- Loosen screws A completely with a fixed wrench 13mm, a total of four screws and remove the actuator.
- Reassemble in reverse order.

Mounting tilt actuators



- Install plastic washer **1** on each axle pin.
- Install tilt devices.
- Install plastic washer **1** on each axle pin.
- Install screw 3 M5 pre-treated with thread locker and washer 2.

Same installation procedure applies to all models of tilt device.

Debugging

Problem

Measure

The wheelchair won't start

Circuit breaker tripped. Check the circuit breaker

Batteries depleted. Charge the batteries, if not possible replace the batteries

Gaps in cables/connectors.

Locate gaps and fix, troubleshoot using

Flashing codes or diagnostics via computer

Batteries do not accept charging

Circuit breaker tripped. Check, reactivate.

Batteries completely discharged. Replace batteries or connect in parallel with charged batteries to

Get the charging to start, Let charge for 10-20min and try to

remove the parallel connection. Charging should now continue until

it is fully charged.

Charger broken? Check the charger's LEDs, If no error is indicated, try measure

the Volt of the batteries with a multimeter, should rise when the

charger is connected.

Battery capacity drops quickly

Batteries are dropping capacity fast Replace the batteries.

The status indicator flashes.

Activated decoupling? Apply the brakes.

Faults in control systems? Check the flashing code or run the diagnosis with the computer.

The wheelchair is slow?

The right driving program? Select Speed Driving Programs.

Half-speed switch activated? Seat raised, possible leverage switch activated or broken.

Troubleshooting LINX



Errors and diagnostic codes Linx

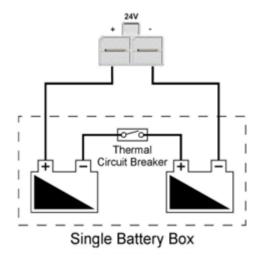
If there is something wrong with the system when it starts flashes the status light in red. Now the error can be located using the following troubleshooting guide. The number of flashes indicates the typ of error. The electronic driving system must be switched on before trouble shooting.

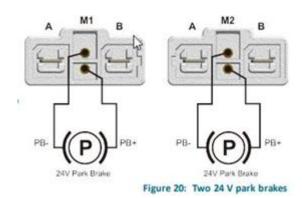
Light	code	Action
1	Error on control box	Check cables and connectors
2	Network or configuration error	Check cables and connectors Charge batteries Check charger
3	Fault on the left engine	Check cables and connectors
4	Fault on the right engine	Check cables and connectors
5	Fault on the left magnetic brake	Check cables and connetors
6	Fault on the right magnetic brake	· Check cables and connectors
7	Module fault	Check cables and connectors Check modules Charge batteries

Troubleshooting R-Net

1 LED	The battery needs charging or there is a bad connection to the battery. Check the connections to
	the battery. If the connections are good, try charging the battery.
•	
2 LED	The left hand motor* has a bad connection. Check the connections to the left hand motor.
•	
3 LED	The left hand motor* has a short circuit to a battery connection. Contact your service agent.
•••	
4 LED	The right hand motor* has a bad connection. Check the connections to the right hand motor.
•••	
5 LED	The right hand motor* has a short circuit to a battery connection. Contact your service agent.
•••	
6 LED	The wheelchair is being prevented from driving by an external signal. The exact cause will depend on
	the type of wheelchair you have.
7 LED	A joystick fault is indicated. Make sure that the joystick is in the center position before switching on the
•••	control system.
8 LED	A possible control system fault is indicated. Make sure that all connections are secure.
•••	
9 LED	The parking brakes have a bad connection. Check the parking brake and motor connections. Make
•••	sure the control system connections are secure.
10 LED	An excessive voltage has been applied to the control system. This is usually caused by a poor battery
	connection. Check the battery connections.
7 LED+ S	A communication fault is indicated. Make sure that the joystick cable is securely connected and not
	damaged.
• •••••	
Actuator Flash	An Actuator trip is indicated. If more than one actuator is fitted, check which actuator is not working
	correctly. Check the actuator wiring.
7	

Block Diagram LINX





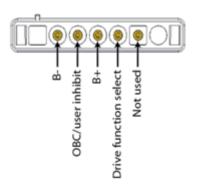
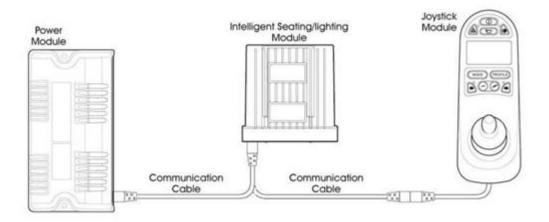
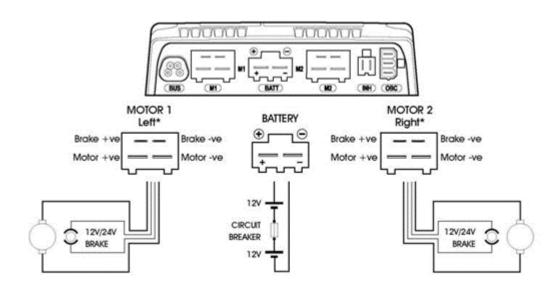
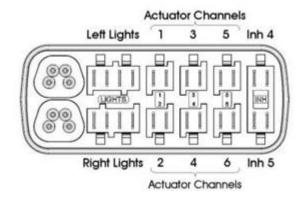


Figure 24: The utility connector

Block Diagram R-Net







Technical data chassis

Class Α Maximum user weight 150kg 740mm Length Length with footplate 920mm Width 580mm weight 62kg Maximum mileage 22km Maximum speed 4,5km/h Forward braking distance 1000mm Braking distance to the rear 1000mm Turning radius 1000mm Ground clearance 60mm **Obstacle Moving Forward** 40mm Obstacle Climbing Backwards 40mm

10° / 10° / 8° Static Stability

Dynamic stability uphill's 6° 6° Dynamic downward stability Dynamic Stability Sideways 6°

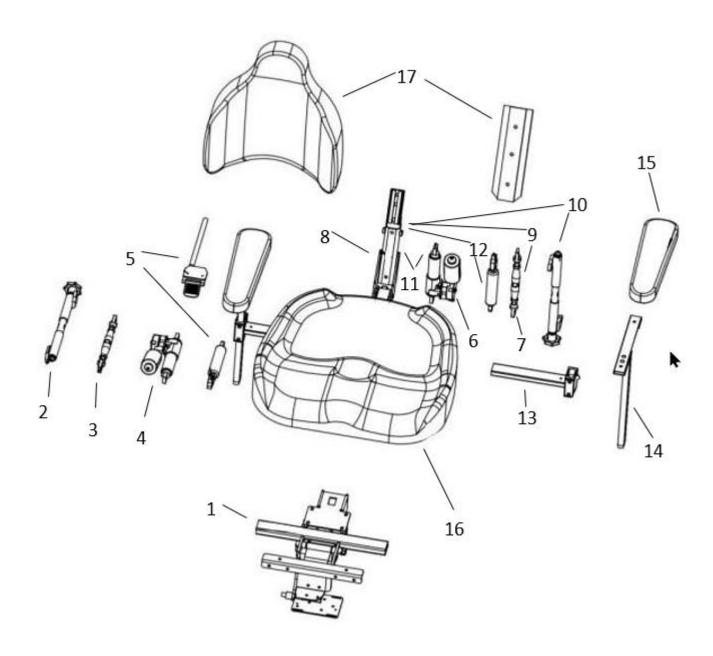
Drive wheel 200*50mm solid Swivel castors 125mm solid

8,5h Max run time

Batteries 2*12V-22Ah AGM

ECB401 Easy Buddy 4A Charger Dynamic LINX or PG-R-Net Controllers 440-620mm plus 60mm padding Seat height 180mm seat lift 520mm-770mm plus 60mm padding Seat height 250mm seat lift

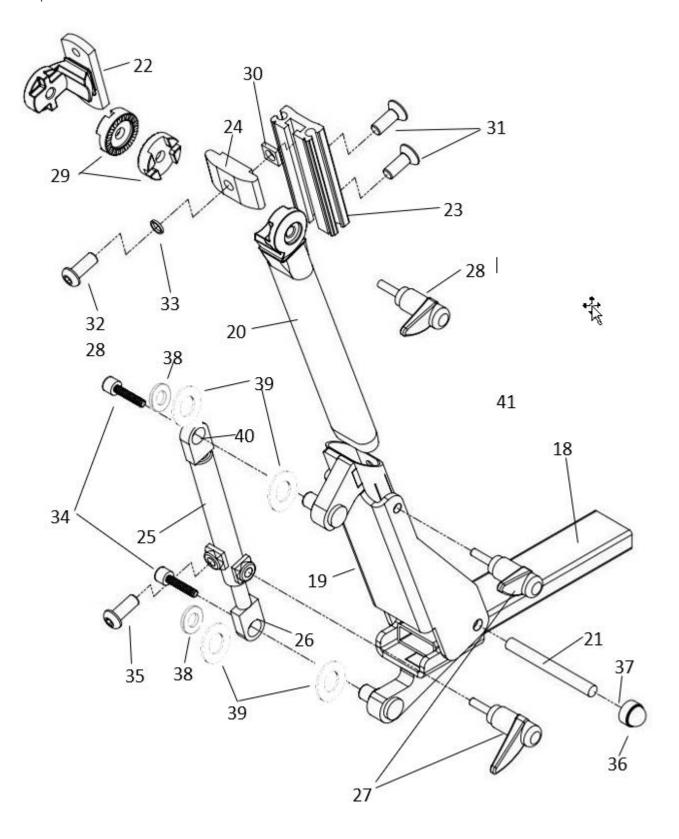
Exploded view / schematic SitRite



List of articles SitRite

Pos.	Item	Designation	
1.	800010-	=	Seat base complete
2.	800010-	1953	Tilt crank
3.	800010-	1952	Tilt mitt screw
4.	699102-	-8000	Actuator new sit cross 24V 50mm
5.	800010-	1955	Tilt gas piston
6.	699102-	8010	Actuator Multi-back rest 24V 40mm
7.	229001-0	6008	Back tilt manual bar
8.	227001-0	6200	multi-backrest component-handled
9.	227001-0	6000	Multi backrest with manual setting
10.	227001-	6100	Multi backrest with crank
11.	227002-	6100	Multi backrest with Electric actuator 24V
12.	227003-	6000	Multi backrest gas adjustment
See p	pages 9 &	10 for more info	rmation about the multi-spine
13a.	634001	-4012	Armrest width adjustment
13b	624001	-4012K	Armrest Classic width adjustment
14. 6	24001-40	10K	Height adjustment armrest Classic
15a.	624002-	-4004	Armrest Plate Soft 30*3cm
15b.	624001	-4004S	Armrest plate soft 30*5cm
15c.	624002-	-4007	Armrest plate soft 40*3cm
15d.	624001·	–4007	Armrest plate soft 40*5cm
16a.	624520-	-4040	Seat SitRite 40*40cm
16b.			Seat SitRite 40*45cm
16c.	624520-	-4545	Seat SitRite 45*45cm
16d	624520-		Seat SitRite 45*50cm
16e.	624520	-5050	Seat SitRite 50*50cm
Back	cushions	SitRite is delivere	ed with an aluminum rail mounted.
17a.	224525-	-3640	Backrest cushion SitRite 37*43cm
17b.	224525	-4245	Backrest cushion SitRite 42*45cm
17c.	224525-	-4550	Backrest cushion SitRite 47*47cm

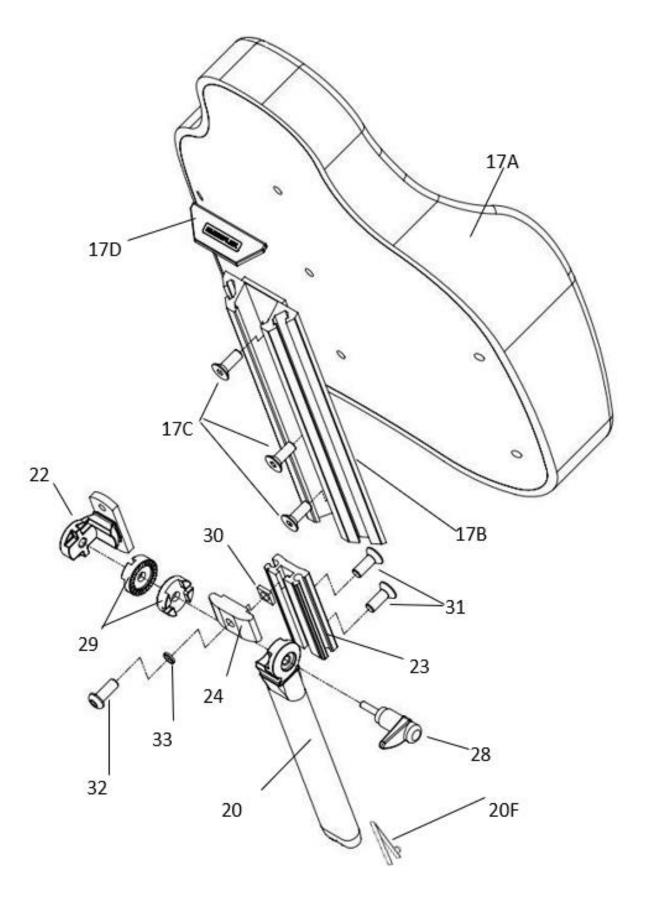
Exploded view Multi-backrest



Part list Multi-backrest

Position	Article	Name
18.	SW-01985	Back post lower back
19.	SW-01992	Back post upper part
20.	SW-02034	Back post Multi Back
21.	SW-01999	Pin bolt M8
22.	274001-6005	Profile fastening
23.	674001-6004	Profile back post ABC
24.	675002-4400	Aluminum profile lock lug ABC
25.	SW-01993	Adjuster, back post
26.	SW-01997	Pole Adjuster back post
27.	7WN5000-8*16	Locking lever WN 500 65-M8*16
28.	7MRP-63-8*30	Locking lever MRX 63p-M8*30
29:	624001-9000	Gear lock
30.	7ML4M-8	Fyrkantsmutter M8 FZB
31.	7F6S-8*22	Screw MF6S-M8*25 black chrome
32.	7K6S-8*25	Screw K6S M8*25 black chrome
33.	7BRB-8.4*16	Planbricka 8,4*16*1,5 black chrome
34:	7MC6S-5*10	Skruv MC6S-M5*10 FZB Locktite
35.	7K6S-8*12	Screw K6S M8*12 black chrome
36.	7KH-13-8	Nut cover M8
37.	7LOCKING-M8L	Lock nut M8 DIN 985 FZB
38.	7BRB-5.3*10	Washer 5,3*10*1 FZB
39.	7PLASTB-10,5*18	Plastic washer 10.5*18*1.0
40.	7BM-1008-FB	Lubrication-free bushing Dry star 10*12*8
41.	2FJL-6*80E	FJ LOCK 6*80

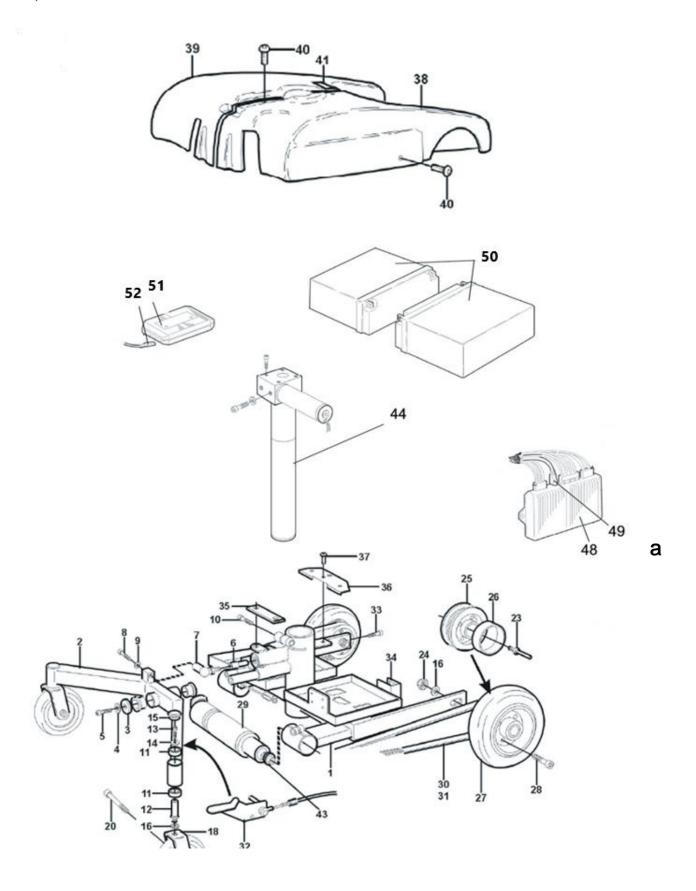
Exploded view backrest SitRite



Part list backrest SitRite

Position	Article nummer	Designation
		D. I
17a.	624525–3640	Backrest cushion SitRite 36*40cm
	624525–4245	Backrest cushion SitRite 42*45cm
	624525–5050	Backrest cushion SitRite 50*50cm
17b.	674001-6001	Back profile ABC high 280mm
17c.	7F6S-6*14	Screw MF6S-6*14
17d.	SW-01502	Cover aluminum profile ABC SitRite
20.	SW-02034	Back post Multi Back
20f.	2FJL-6*80E	Spring lock 6*80 ENK NITAD
22.	274001-6005	Profile fastening
23.	674001-6004	Profile back post ABC
24.	675002-4400	Aluminum profile lock lug ABC
28.	7MRP-63-8*30	Locking lever MRX 63p-M8*30
29.	624001-9000	Gear lock
30.	7ML4M-8	square nut M8 FZB
31.	7F6S-8*22	Screw MF6S-8*22 FZB
32.	7K6S-8*25	Screw K6S M8*25 black chrome
33.	7BRB-8.4*16 SK	Planbricka 8,4*16*1,5 black chrome

Exploded view chassis Miniflex



Partlist Chassis Miniflex

1. 659001-1000 500 Chassis steel parts 2. 358001-7000 Rear cradle 3. 659101-2001 Spacer 4. 7FBB-10,2 Spring washer 10.2 5. 7MC6S-10*30 Screw M10*30 6. 659101-2001 Bushing shaft 7. VINKL-AS16 Angle link HEYD 8. 7MC6S-10*30 Screw M10*30 9. 7FBB-10,2 Spring washer 10.2 10. 7MC6S-8*35 Screw M8*35 11. 7K6001-2Z Ball bearing 6001-2Z 12. 669001-1102 Fastening pin aluminum. Shackle low 13. 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60
3. 659101–2001 Spacer 4. 7FBB-10,2 Spring washer 10.2 5. 7MC6S-10*30 Screw M10*30 6. 659101–2001 Bushing shaft 7. VINKL-AS16 Angle link HEYD 8. 7MC6S.10*30 Screw M10*30 9. 7FBB-10,2 Spring washer 10.2 10. 7MC6S-8*35 Screw M8*35 11. 7K6001-2Z Ball bearing 6001-2Z 12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut KL 6 M12 23. 659101-2000 Axle 24. <t< td=""></t<>
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5. 7MC6S-10*30 Screw M10*30 6. 659101–2001 Bushing shaft 7. VINKL-AS16 Angle link HEYD 8. 7MC6S.10*30 Screw M10*30 9. 7FBB-10,2 Spring washer 10.2 10. 7MC6S-8*35 Screw M8*35 11. 7K6001-2Z Ball bearing 6001-2Z 12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut KL 6 M12 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12
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7. VINKL-AS16 Angle link HEYD 8. 7MC6S.10*30 Screw M10*30 9. 7FBB-10,2 Spring washer 10.2 10. 7MC6S-8*35 Screw M8*35 11. 7K6001-2Z Ball bearing 6001-2Z 12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO </td
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8. 7MC6S.10*30 Screw M10*30 9. 7FBB-10,2 Spring washer 10.2 10. 7MC6S-8*35 Screw M8*35 11. 7K6001-2Z Ball bearing 6001-2Z 12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
10. 7MC6S-8*35 Screw M8*35 11. 7K6001-2Z Ball bearing 6001-2Z 12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake left 30. 659101-1003
11. 7K6001-2Z Ball bearing 6001-2Z 12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 3
12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right </td
12. 669001-1102 Fastening pin aluminum. Shackle low 13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right </td
13: 7MC6S-6*16 Screw M6*16 14. 7BRB-M6*18 Planbricka 6,4*18*1,6 15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201-7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-2003 Drive belt HTD 980 5M (long) right
15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201–7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
15. 7SFL-31 End 32 16. 7BRB-13.5*24 Planbricka 13,5*24*2,5 17. 7DIN-12*1.25 Nut M12*1.25 18. 669201–7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
17. 7DIN-12*1.25 Nut M12*1.25 18. 669201–7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
17. 7DIN-12*1.25 Nut M12*1.25 18. 669201–7000 Swivel fork rear 19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
19. 7WHEELS-125 Wheel 125 grey track 20. 7MC6S-8*60 Screw M8*60 21. 7BRB-8.4*16 Planbricka 8,2*16*1,6 22. 7KL-6-8 Lock nut AT 6 M8 23. 659101-2000 Axle 24. 7KL-6-12 Lock nut KL 6 M12 25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
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25. 659101-1101 Drive Belt Wheels Z=60 26. 659101-2010 Distance Pipe drive wheels 27. 759201-7000 wheels Wheels 200*50 SUPO 28. 7MC6S-6*60 Screw M6*60 29A. 259001-1100H Drive motor including gearbox and brake right 29B. 259001-1100V Drive motor including gearbox and brake left 30. 659101-1003 Drive belt HTD 980 5M (long) right
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29A. 259001-1100H Drive motor including gearbox and brake right Drive motor including gearbox and brake left Drive belt HTD 980 5M (long) right
29B. 259001-1100V Drive motor including gearbox and brake left Drive belt HTD 980 5M (long) right
30. 659101–1003 Drive belt HTD 980 5M (long) right
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21 650101 1002 Drive helt LITD 000 5M (about) left
31. 659101–1002 Drive belt HTD 980 5M (short) left
32. 69201–1700 Handles, brake release
33. 7MC6S-5*35 Screw M5*35
34. 659101–1220 Bracket timepiece
35. 659001-1002 Cover attachment rear
36. 659101-1001 Cover mount front
37. 7K6S-8*12-SK Screw M8*12 black chrome
38. 259201-9000V Cover black left
39. 259201-9000H Coat black right
40. 7K6S-8*12-SK Screw M8*12 black chrome
41. DEKAL Decal circuit breaker 12A
41b. 7AFFUSE-12A Circuit breaker 12A
42. 669001–1001 Barrels PG-powermodul Not used on later version
43. 659101–1001 drive belt wheel Z=18
44a 249102–8010 Actuator seat lift 180mm stroke
44b. 249101–8010 Actuator Seat Lift 250mm slag
48a. 7DLX-PM75AL-B Power Module LINX 75Amp
48b. 7PG-PM80 Power module PG R-Net 80/90Amp

Part list chassis Miniflex

48c.	7PG-VR2PM60	Power Module VR2 60Amp
49a	7DLX-GLM-BUS150A	Bus cable LINX 1.5m
49b.	7DLX. GLM-BUS200A	Bus cable LINX 2.0m
49c./52	7DLX-GLM-BUS050A	Bus cable LINX 0.5m
49d.	7PG-SA77525L15	Bus cable PGDT R-Net 1.5m
49e.	7PG-SA77525L10	Bus cable PGDT R-Net 1.0m
49f./52	7PG-SA77525L05	Bus cable PGDT R-Net 0.5m
49g	7PG SA79940	Bus Cable Extension VR2
50.	7YPC22-12	Bacteria YUASA 12V22Ah
51a.	7DLX-ACT400-A	LINX module Four actuators
51b.	7PG-R-NET-ISM-6L	Actuator module ISM PGDT R-Net

Control box

Dynamic	7DX-REM211-A	Control box LINX
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R-Net 7PG-R-NETLED Control box PGDT R-Net LED

R-Net 7PG-R-NETCJSM-S Control box PGDT R-Net with color display

Reconditioning

Chassis and wheels

Eurovema's Chairs are intended to be reused during their expected lifespan of 10 years. Reconditioning is not a complete renovation with the purpose of re-releasing the product to the market with a new life expectancy of 10 years

Cleaning

Do not use a pressure washer, do not flush with water or other liquids!

Clean the chassis with a mild detergent pH 7-12, such as a soap solution. Upholstery on upholstered parts can be cleaned with upholstery wash. Cover can be machine washed at 60°

☐ All wheels are in contact with the floor and perpendicular.
□ Wheel bolts tightened and thread-glued.
☐ The wheels roll freely and turn easily.
☐ The wheels do not start to flutter at high speed.
Brakes
☐ Test of the brakes and the brake release mechanism. Lubricated wires.
Lifting columns / actuators
□ Securely attaches and does not rotate. Greased with thin oil (Miniflex 500)
□ Noise level low / no rattling noise (Miniflex 500)
☐ Lifts all the way up with the user in it.
☐ Micro switch test of function, well protected (Flexmobil i6)
Batteries & Electronics
☐ The batteries are secure and the poles are well covered.
$\ \square$ All cables are well protected with heat shrink tubing and will not be pinched.
☐ Testing of driving electronics and chargers. Fully charge batteries.
□ Correct running programs. The latest edition of programs should be used.
☐ Timer and main switch control. The right fuse.
Seat system
☐ The right seat system and combination. No glitches anywhere
☐ Holes for harness and belt are available and unobstructed.
□ Upholstery: Clean, washcloth sewn onto cover. Seams intact, not damaged.
☐ Seat tilt and backrest: functional test.
☐ Electric actuators do not yield under pressure.
☐ Knobs and knobs: greased, easy-to-adjust and smooth knob
□ Leg supports: greased, easy to adjust, do not scratch and do not touch the hood when changing seat height.
□ Functional check.
□ Other accessories: greased, easy to adjust, do not scratch.

Reconditioning

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⊢ In ລI	Inch	ACTION
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- ☐ All optional equipment: fits in and is easy to adjust.
- ☐ Warning labels attached. CE marked with serial number.
- ☐ Test run (all functions are tested in the end positions and the wheelchair is tested with maximum load)
- $\hfill\square$ The instructions for use are available and supplied with the product.

Destruction

Products that are permanently taken out of use must be dismantled and sorted at source. Disassembly must only be carried out by an authorized technician.



Warning against the risk of crushing during disassembly.

Metal	Electronics	Combustible
Armrest mechanism	Main Unit	Armrest cushions
Back mechanism	Control switches	Loungers
Gas springs	Cables	Back cushions
Electric actuators	Controllers	Other stop details
Seat cross	Joystick Boxes	Tire
Chassis	Circuit breakers	Swivel castors without fork
Leg supports		Other plastic parts
Head rest Mechanism		
Other Metal Parts		

Batteries that are used up should be disposed of at a recycling station.

Notes			
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