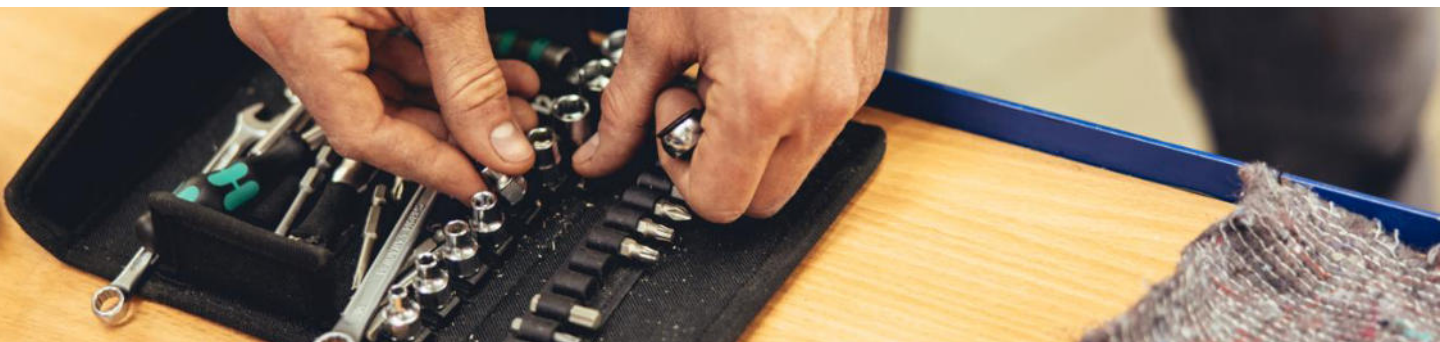


Spare parts list 2025

CARLA & eCARLA

For advice or to place an order, please contact: service@carlacargo.de



Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Rear wheel left - Pick Up	Wheel for rear left mounting Hub: Source Solution DA8596B-QR Rim: MACH1 Kargo Tyre: Pick Up incl. tube	1007000057	MSRP: 130,00	
Rear wheel right - Pick Up	Wheel for rear right mounting Hub: Source Solution DA8596B-QR Rim: MACH1 Kargo Tyre: Pick Up incl. tube	1007000058	MSRP: 130,00	
Rear wheel left - Big Ben	Wheel for mounting left incl. tube & tire Big Ben Plus Hub: Shimano HB-M475 Rim: Ryde Andra40	1007000004	MSRP: 130,00	
Rear wheel right - Big Ben	Wheel for mounting right incl. tube & tire Big Ben Plus Hub: Shimano HB-M475 Rim: Ryde Andra40	1007000031	MSRP: 130,00	
Rear wheel left - Pick Up - Cargo wheel	Low-maintenance heavy-duty rim from SON > 48 spokes > unique semi-radial spoking > assembled incl. inner tube&tyre made in Black Forest the following items must be ordered for retrofitting: > 1007000139 10 mm thru axle > 9002000028 Conversion kit for mudguards	1007000111	MSRP: 289,00	
Rear wheel right- Pick Up - Cargo wheel	Low-maintenance heavy-duty rim from SON > 48 spokes > semi-radial spoking > assembled incl. inner tube&tyre made in Black Forest from SON the following items must be ordered for retrofitting: > 1007000139 10 mm thru axle > 9002000028 Conversion kit mudguards	1007000112	MSRP: 289,00	
Rear wheel - Cargo wheel	Wheel for left/right mounting > 48 spokes > Semi-radial spoke pattern Made in the Black Forest by SON For retrofitting: > 1007000139 10 mm thru axle > 9002000028 Mudguard conversion kit	1007000156	MSRP: 249,00	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Front wheel SON	Wheel for front mounting Dynamo: SON Rim: MACH 1 Kargo Tyre: Pick Up & tube w/o. clamping axle only for CARLA	1007000067	MSRP: 249,00	
Front wheel	Wheel for front mounting Dynamo: Shimano DH-C30001 (1.5W) Rim: MACH1 Kargo Tyre: Big Ben Plus incl. tube only for CARLA	1007000027	MSRP: 120,00	
Front wheel 36V	Front wheel 36V spoked Motor: Bafang Rim: Ryde Tyre: Big Ben Plus w/o mounting screws only for eCARLA 36V	1007000020	MSRP: 480,00	
Front Wheel 48V	Front wheel 48V spoked Motor: Bafang Rim: Ryde Tyre: Big Ben Plus w/o mounting screws only for eCARLA 48V	1007000021	MSRP: 480,00	
Front wheel 48 V wheel	Bafang motor FM G07.500.D Rim: Ryde Andra40 Tires: without	1007000136	MSRP: 440,00	
Rear wheel clamping set	Single axle for rear wheel consisting of: > 1 x clamping screw M5 > 2 x washers > 2 x fitting sleeves > 2 x drop-out protectors (inside and outside) > 2 x collar screws	1007000052	MSRP: 26,25	
Mounting kit for motors on different forks	Mounting kit for motors on different forks consisting of: > 2 x hexagon nut with flange > 2 x hexagon nut protective cap > 2 x torque lock with lug > 2 x M12 washer, thickness 4 > 2 x motor lock (fork source solution) > 2 x M12 washers > 2 x M5 x 12 cylinder screws with TORX	4002000120	MSRP: 10,00	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
SON Cargo 48 thru axle	single thru axle for SON Cargo Wheel 48 10 mm incl. screws and fuse	1007000139	MSRP: 37,30	
Spokes 115 mm	Spokes 115 mm for wheel with Bafang motor 36V and 48V	1007000010	MSRP: 1,29	
Spokes 117 mm	Spokes 117 mm for wheel with Bafang motor 36V and 48V	1007000011	MSRP: 1,29	
Spokes 169 mm	Spokes 169 mm	1007000012	MSRP: 1,29	
Spoke 176 mm	Spokes 176 mm	1007000013	MSRP: 1,29	
Spokes 179 mm	Spokes 179 mm	1007000014	MSRP: 1,29	
Spoke 170 mm	for CARGO Wheel SON (170 x 2.0)	1007000145	MSRP: 1,49	

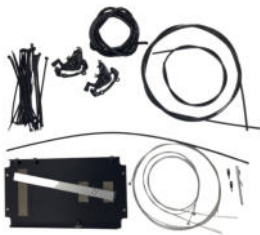
Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Spoke 182 mm	for CARGO Wheel SON (182 x 2.0)	1007000146	MSRP: 1,49	
Nipple for spokes	per piece	1007000051	MSRP: 0,20	
Nipple for spokes	For CARGO Wheel SON per piece	1007000148	MSRP: 0,30	
Mudguard front rear	1x Curana Apollo mudguard incl. struts & mounting screws - without splash guard	1001200021	MSRP: 26,50	
Mudguard Set B&M	Mudguard set with rear light only for CARLA consists of: > 2 x Curana mudguard > SECULA Plus - light set from B&M incl. struts & mounting screws	1001209001	MSRP: 107,00	
Mudguard Set SON	Mudguard set with rear light only for CARLA consists of: > 2 x Curana mudguard > SON light set incl. struts & mounting screws	1001209003	MSRP: 180,67	
Mudguard Set ILU	Mudguard set with rear light only for eCARLA consists of: > 2 x Curana mudguard > 2 x ILU - rear mudguard light incl. struts & mounting screws	1001209004	MSRP: 145,38	

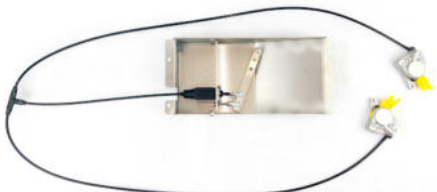
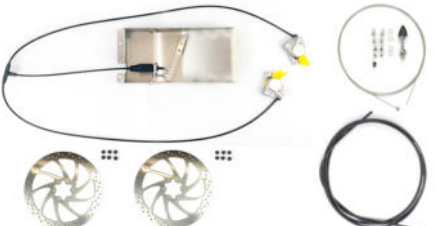
Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Rear Mudguard CURANA	Single rear mudguard Lights must be ordered separately	1001209006	MSRP: 39,00	
Splash guard for front mudguard	For mounting on the front mudguard incl. cable ties Manufacturer: FAHRER Berlin	1007000019	MSRP: 13,50	
PE splash guard cover	Splash guard for mounting on the bow for all CARLA and CARLA mini	1001400035	MSRP: 42,70	
Rear light Set B&M AC - CARLA	Pair of rear lights SECULA Plus from Busch & Müller compatible with Curana mudguard only for CARLA	1001100005	MSRP: 38,00	
Rear light Set B&M DC - eCARLA	Pair of rear lights SECULA DC from Busch & Müller compatible with Curana mudguards only for eCARLA	1001100006	MSRP: 38,00	
Rear lights-set - SKS	"Smart" rear light for SKS mudguards incl. mounting screws Suitable for CARLA and eCARLA manufactured before June 2021	1001100002	MSRP: 21,00	
Rear light-set SON	Rear light SON incl. mounting screws only for CARLA	1001100003	MSRP: 95,00	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Reflector	Reflector red only for SON lighting system for mounting on mudguard	1001100007	MSRP: 3,65	
front reflector-set	Reflector white for mounting on the frame set of two adhesive	1001100004	MSRP: 7,00	
ILU rear light	spare part for Curana mudguard	1001100019	MSRP: 24,90	
Light cable CARLA B&M	For B&M lighting systems for CARLA only	2005000003	MSRP: 23,90	
Light cable eCARLA	Incl. stepdown module for mounting on the controller for eCARLA only	2005000010	MSRP: 34,90	
Brake Booster mechanical	Brake Booster mechanical	1003008000	MSRP: 130,00	
Mechanical brake system	Complete mechanical brake system from Jagwire consisting of: > 1 x mounting housing > 2 x brake callipers > 1 x brake cable > 1 x brake cable housing > 2 x cable housing end sleeve > Cable ties incl. mounting screws	1003000088	MSRP: 190,00	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Magura braking system	Complete hydraulic braking system from Magura consisting of: > 1 x mounting housing > 2 x brake calipers > 1 x encoder piston > 1 x hydraulic hoses w/o mounting screws	1003000049	MSRP: 415,00	
Update kit hydraulic overrun brake	Set for converting from mechanical to hydraulic brake system Prerequisite: CNC drawbar model year 2021 Set consists of: > 1 x Magura brake system > 1 x brake cable set (2.54 m) > 2 x brake disc 2.0 mm > 1 x bump stop incl. mounting screws	1003000025	MSRP: 450,00	
Brake cable set (2.3m)	For CARLA with hydraulic braking system Connection between overrun mechanics & Magura braking system Consisting of: > 1 x brake cable housing JR2300 > 1 x brake cable JR3000 > 1 x EZ-Bend	1003000068	MSRP: 9,80	
		1003000130	MSRP: 9,80	
Brake cable set (0.94 & 0.63m)	For CARLA with mechanical braking system Connection between rear wheels & brake booster Consisting of: > 1 x brake cable JR1300 > 1 x brake cable JR1000 > 1 x brake cable cover JR940 > 1 x Brake cable housing JR630	1003000069	MSRP: 12,60	
Brake cable set (1.52m) V-Brake	For CARLA with hydraulic & mechanical braking system For connection between brake lever & V-brake Consisting of: > 1 x Brake cable housing JR1520 > 1 x Brake cable JR1770	1003000072	MSRP: 6,30	
Drawframe end stop	Aluminum, black	1003000041	MSRP: 0,50	

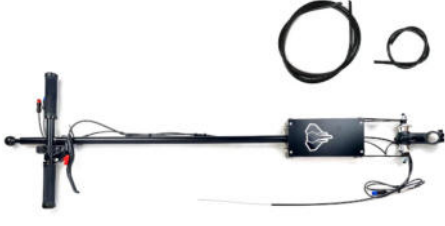
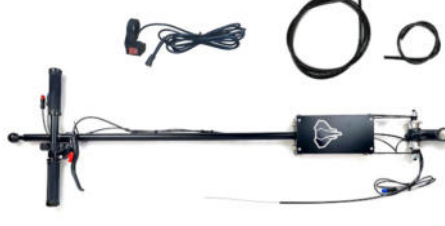
Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Brake caliper JR	Brake caliper Jagwire	1003000032	MSRP: 29,30	
Brake caliper adapter JR	Brake caliper adapter Jagwire	1003000033	MSRP: 9,80	
Brake caliper Shimano BR-M375	Brake caliper Shimano BR-M375	1003000013	MSRP: 30,00	
Rear brake calipers	Rear brake calipers Shimano	1003000006	MSRP: 9,80	
Brake disc JR (1.8mm)	For mechanical braking system > 180 mm rotor > 1,8 mm thickness > 6-hole v w/o mounting screws	1003000034	MSRP: 15,50	
Disc Brake (2.0 mm)	For hydraulic braking system > 180 mm rotor > 2 mm thickness > 6-hole w/o mounting screws	1003000073	MSRP: 24,90	
M5 x 10 screw	black for brake disc	4002000061	MSRP: 0,25	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Disc brake pads BR-M375	Shimano disc brake pads B01S organic	1003000058	MSRP: 10,90	
Brake pad MCX-2	disc brake pads Shimano XTR 985	1003000060	MSRP: 10,90	
Brake pads Magura	1 set of brake pads MAGURA Typ 4.1 Performance (2 pieces) for Magura brake system	1003000063	MSRP: 14,90	
V-brake Shimano BR-T610	V-brake black h110mm For parking brake Mounting on front wheel incl. mounting screws	1003000016	MSRP: 29,80	
Brake lever with locking function	Brake lever with locking function black aluminum for mounting on the drawbar	1003000127	MSRP: 15,75	
CARLA CARGO front fork	1 1/8 inch fork Solid construction Disc brake mounting possible w/o cone ring and claw	1005000010	MSRP: 119,00	
ACROS control bearing	ACROS headset set incl. compression ring for fork.	1005000028	MSRP: 55,00	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Stem	Zoom Wooz in black	1005000004	MSRP: 17,50	
Drawbar hub	Spare part for the drawbar of CARLA and eCARLA material: alloy silver	1007000016	MSRP: 10,50	
Drawbar for CARLA: (Version: wx)	Drawbar for CARLA consisting of: > Brake lever > incl. V-Brake brake cable set > Stem with hub > Overrun mechanism > Mounting screws & winding tape	1004008007	MSRP: 620,00	
Drawbar for eCARLA (version: wx) until 2024	Drawbar for eCARLA consisting of: > Brake lever > incl. V-Brake brake cable set > Stem with hub > Overrun mechanism > Control cable with throttle grip > Mounting screws & winding tape	1004008006	MSRP: 680,00	
Drawbar for eCARLA (version: wx) from 2024	Drawbar for eCARLA consisting of: > Brake lever > incl. V-Brake brake cable set > Stem with hub > Overrun mechanism > Control cable with throttle grip > mode switch > Mounting screws & winding tape	1004008013	MSRP: 692,60	
Single drawbar with ball head	Replacement part for damaged drawbar rods Replacement with 2 cylindrical pins	1004000029	MSRP: 110,00	
Handgrips	2x handgrips drawbar	1004000004	MSRP: 8,32	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
bushing	Plain bearing bush for drawbar for CARLA and eCARLA	1004000003	MSRP: 1,90	
fixing kit for loosed bushings in towbar	consisting of: > 1 x 3D clip for drawbar bushing press-in aid > 2 x 3D press-in aid for drawbar bushes > 1 x stop for drawbar slide t=3mm > 1 x clamping housing for drawbar bushes For instructions please visit : https://www.youtube.com/watch?v=ada6kEaNDFc	1004000042	MSRP: 25,00	
cylindrical pin	Ø6x30 steel unhardened DIN 7 necessary to mount drawbar	1004000035	MSRP: 0,90	
spring for tow bar	spring for tow bar for CARLA and eCARLA	1003000010	MSRP: 4,50	
side plate for CNC drawbar	Colour: RAL 9005 Laser part	1004000028	MSRP: 15,80	
Drawbar cover CNC	1 x Drawbar cover black incl. mounting screws Screws with safety pin!	1004000023	MSRP: 14,00	
Screw for drawbar cover	M4 x 8 flat round head with safety PIN	4002000032	MSRP: 0,30	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Safety wire rope	Steel cable to back up the coupling Length incl. hook: 90 cm	1001400010	MSRP: 20,00	
Battery - 720 Wh	AES battery 2.0 720Wh - 48V/15Ah Cell type: LiFePO4 Weight: 6.4 kg Manual	2001000026	MSRP: 789,90	
Battery and charger - 720Wh	Set of battery and charger for eCARLA Included in the set: > AES battery 2.0 720Wh > 48V/15Ah - LiFePO4 > AES charger 48V/4.0A > Manual	2001000022	MSRP: 898,90	
Charger - 720 Wh	AES charger 48V/4.0A suitable for AES battery 2.0 720Wh	2001000051	MSRP: 129,00	
AES battery 2.0 holder	Hard plastic battery tray incl. battery lock and 2 keys Higo plug connection to controller	2003000027	MSRP: 160,00	
AES 2.0 lock	Compatible with battery lock for eCARLA with AES battery 2.0 incl. 2 keys incl. screws	2003000025	MSRP: 23,90	
Spare part for battery lock AES 2.0 made of plastics	Replacement tab for AES battery holder 2.0	2001400002	MSRP: 8,40	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Battery lock Greenpack	Compatible with battery holder for eCARLA Greenpack incl. keys	2003000013	MSRP: 33,53	
Battery Lock - 36V - TLH	Compatible with battery holder for eCARLA 36V incl. keys	2003000014	MSRP: 19,00	
Rescue Kit 36V	Set with all electrical components for eCARLA 36V Consisting of: > 1 x control cable > 1 x eCARLA light cable > 1 x controller 36V > 1 x battery holder 36V > 1 x winding strap 52 + 165 cm incl. mounting screws	9002000001	MSRP: 360,00	
Rescue Kit 48V - Greenpack	Set with all electrical components for eCARLA 48V with Greenpack battery Consisting of: > 1 x control cable > 1 x eCARLA light cable > 1 x Controller 48V > 1 x battery holder 48V > 1 x winding strap 52 + 165 cm incl. mounting screws The battery lock must be ordered separately	9002000002	MSRP: 450,00	
Controller [HP]	High Performance Controller 36-60 V > Motor connector : Higo -pin female (Z910 connector) > Battery connector: Higo plug > Rectangular design with cable outlet on one side Successor with significantly more power Can be replaced on all eCARLA models with AES battery system Conversion of other eCARLA models	2002000015	MSRP: 409,00	
Control Line	Central line for controlling the e-assistance Connection between controller and hand throttle or pedal sensor only for eCARLA incl. winding strap For mounting on the drawbar	2008000025	MSRP: 98,80	
Switch EBS - V2	with printed button for regulating the controller power when travelling empty > 0 empty run > 1 loaded for mounting on the drawbar only for eCARLA with Controller [HP]	2008000027	MSRP: 12,60	

Ersatzteilliste

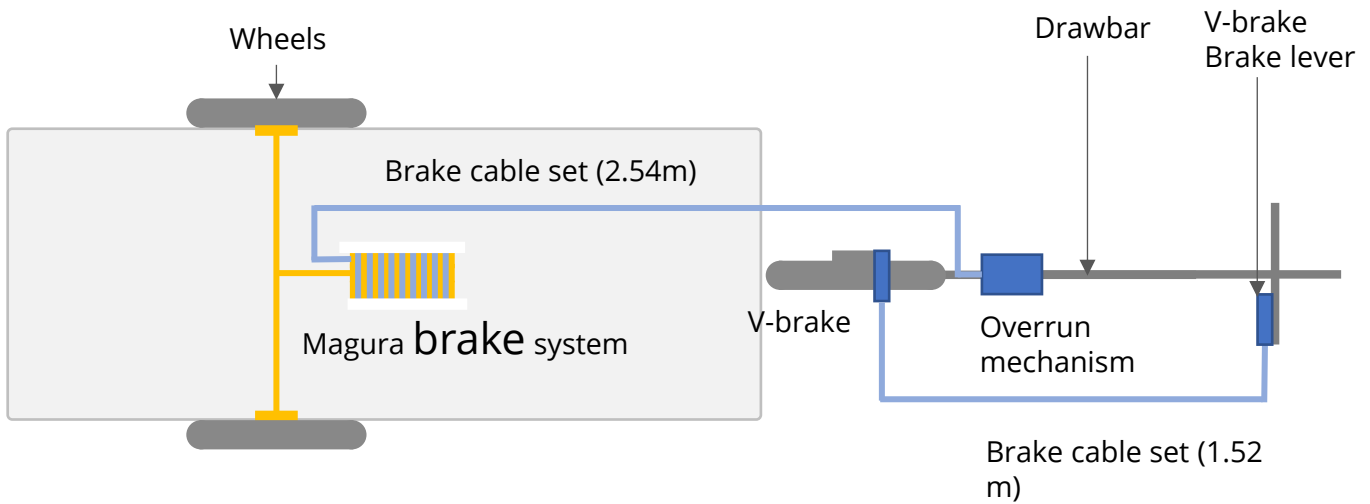
Product name	Description	Product Nr.	Net (€)	Image
Cover Greenpack Battery	Weather protection for Greenpack battery	1001400034	MSRP: 43,20	
Paint stick sun yellow (RAL1037)	paint stick for repair CARLA Color: sun yellow (RAL1037)	9001000001	MSRP: 25,00	
Paint stick sun yellow (RAL1037)	1x paint stick for repair CARLA Color: sun yellow (RAL1037)	9001000009	MSRP: 25,00	
Paint stick black	paint stick for repair of little scratches Color: Black (RAL9005)	9001000002	MSRP: 25,00	
Lamellar plugs	End plug for the rear of the CARLA	1001000002	MSRP: 2,70	
Pennant set complete	Consisting of: > 1x pennant > 1x pole > 1x tension rubber > incl. mounting screw	1001400032	MSRP: 20,00	
Clip-on fixed castors set for ZARGES Box	Set of two fixed castors for ZARGES Box simple clip-on assembly Discontinued article NOT compatible with new transport box high	1002000041	MSRP: 99,00	

Ersatzteilliste

Product name	Description	Product Nr.	Net (€)	Image
Zack Zarges - Swivel clip-on Castors	Set of two swivel castors for ZARGES Box simple clip-on assembly Discontinued article NOT compatible with new transport box high	1002000042	MSRP: 119,00	
TPE profile for the Bob Box	Edge protection for Bob Box color: black	1001400020	MSRP: 8,90	
Ramp quick lock - LEFT	Angle lever lock for mounting on the CARLA frame to fix the ramp (maxi) supplied already assembled, otherwise including screws	1002000106	MSRP: 180,00	
Ramp quick lock - RIGHT	Angle lever lock for mounting on the CARLA frame to fix the ramp (maxi) supplied already assembled, otherwise including screws	1002000107	MSRP: 180,00	
		1006000075	MSRP: 12,90	

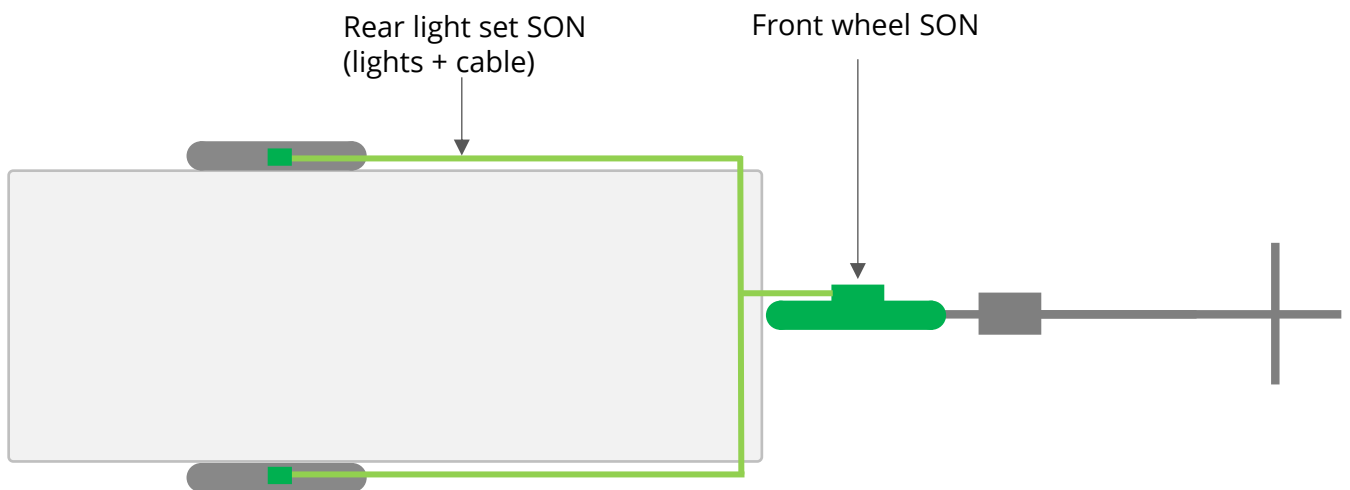
BRAKESYSTEM

CARLA and eCARLA



ELECTROSCHEME

CARLA



Electrical diagram 2024

ELECTROSCHEME

eCARLA [HP_720]

Sensors

- PAS sensor left
- PAS sensor right
- PAS Sensor HollowTech

Magnetic disks

- left 4-edge
- HollowTech D12
- right 24 - 26
- right clip
- divisible Hollowtech
- individual 3D printing

Wheel

Wheel 48V motor (Bafang)

Battery

Battery -720 Wh

Controller HP (High Power)

Heidelberg - 48V - 720 AES

Hand throttle for bicycle

Binder plug

Hand throttle and drive mode switch

eDrawbar

Hand throttle drawbar & control line

Battery

Battery holder

Controller

Light cable eCARLA

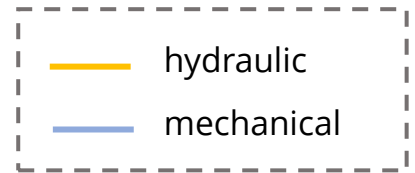
ILU - Lighting system

Wheels

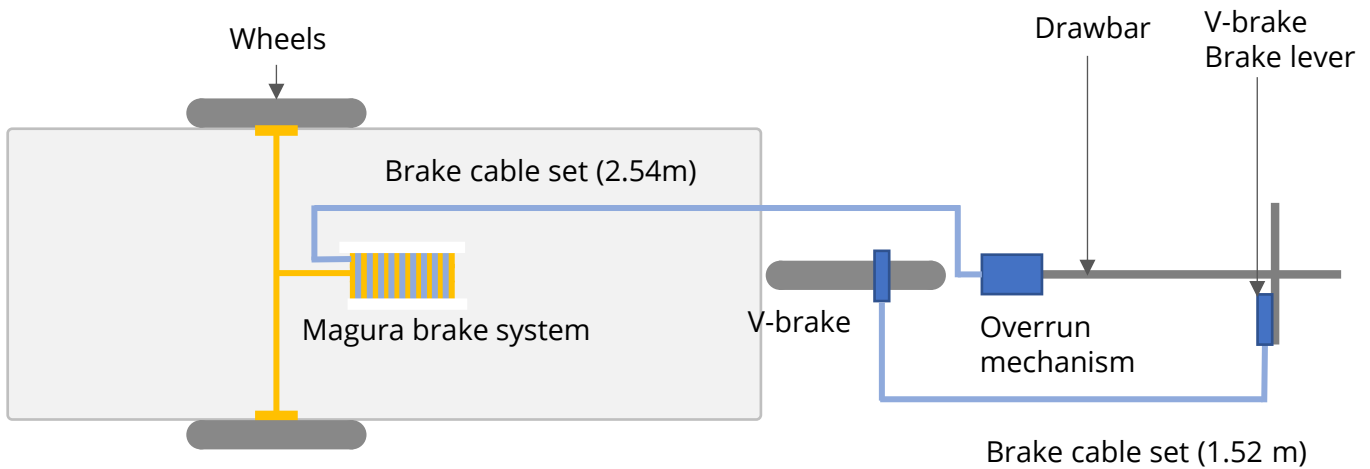
Pulling bike

eCARLA

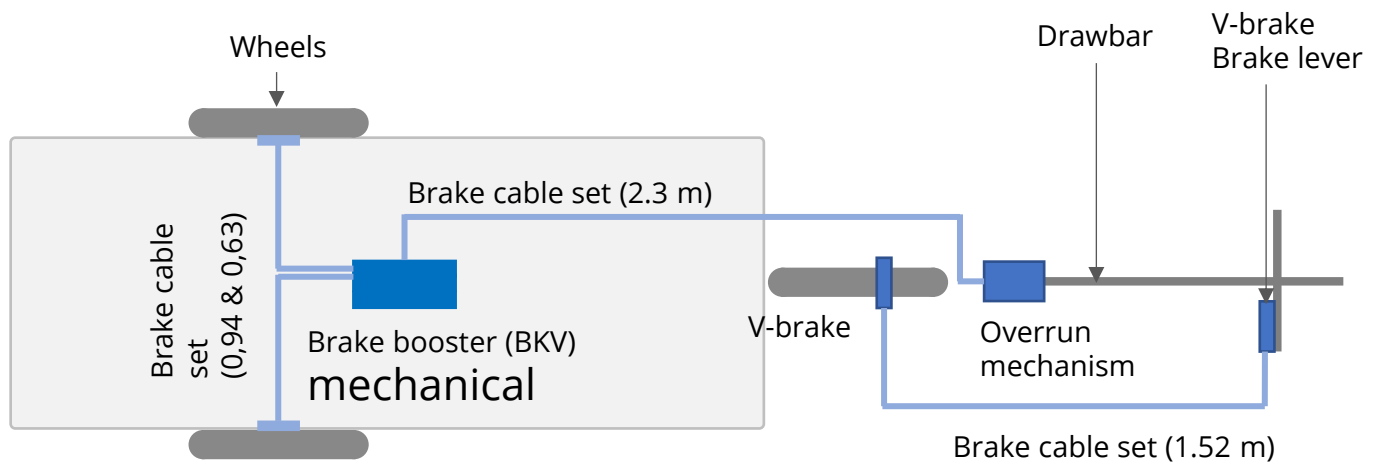
Braking schemes before 2024



CARLA with **hydraulic** overrun brake



CARLA with **mechanical** overrun brake



Electrical diagram before 2024

