

Spare Parts Catalogue

Version: 2015/02/02a EN



Invacare® **ORION**



Yes, you can.®

General Information

For any order of spare parts the following information is required:

- Product type*
- Product name & model*
- Serial Number*
- Part-Number*
- Part-Description*

Exploded view drawings and code numbers are not contractual and subject to modification, in relation to Invacare® continuous product improvement policy to meet end users needs.

The reproduction or use of this work, or of any substantial part of this work, in any form or by any electronic, mechanical or other means, including photocopying, scanning and recording, and in any information storage and retrieval system, including electronic transmission, is forbidden without the prior written permission of Invacare® International Sarl.



Yes, you can.®

TABLE OF CONTENTS

Information & User Manuals

Accessory Compatibility	5
User Manuals Orion	6

Chassis

Front frame 3-Wheeler	7
Front shroud 3-Wheeler	8
Front frame 4-Wheeler	9
Front shroud 4 Wheeler	10
Rear frame	11
Rear shroud	12

Seat

Seat & Seat Options	13
---------------------------	----

Front / Rear Wheel

Front wheel 3-Wheeler	14
Front wheel 4-Wheeler	15
Rear wheel	16
Anti-tipp-wheel	17

Propulsion

Propulsion 6/10 km/h	18
Motors 6 & 10 km/h	19
Propulsion 12 km/h	20
Motors 12 km/h	21
Motors 12 km/h	21
Powermodules & Speed Reduction	22
Upgrade Kits - Powermodules & Speed Reduction	23
Batteries	24

Brakes

Brakes 3 Wheeler	25
Brakes 4 Wheeler	26

Steering

Steering	27
Steering Details	28
Front fork 3-Wheeler	29
Steering linkage 4-Wheeler	30

Cable and Charger

Chargers	31
Cable	32

Safety Options

Warning Triangle	33
------------------------	----



Yes, you can.®

TABLE OF CONTENTS

Other Options & Accessories

Accessories	34
Accessory Compatibility	5
Rollator bracket	35
Storage box rear bracket	36
Veltop Rain- & Suncover	37

Accessory Compatibility

OriComp.dwg

					
	û				
	û	û			
	û	û	û		
	ü	û	û	û	
	ü	û	û	ü	ü

Pos.	Part number	Description	Valid from → until	Qty
-	-	For further information please contact your customer service.		1

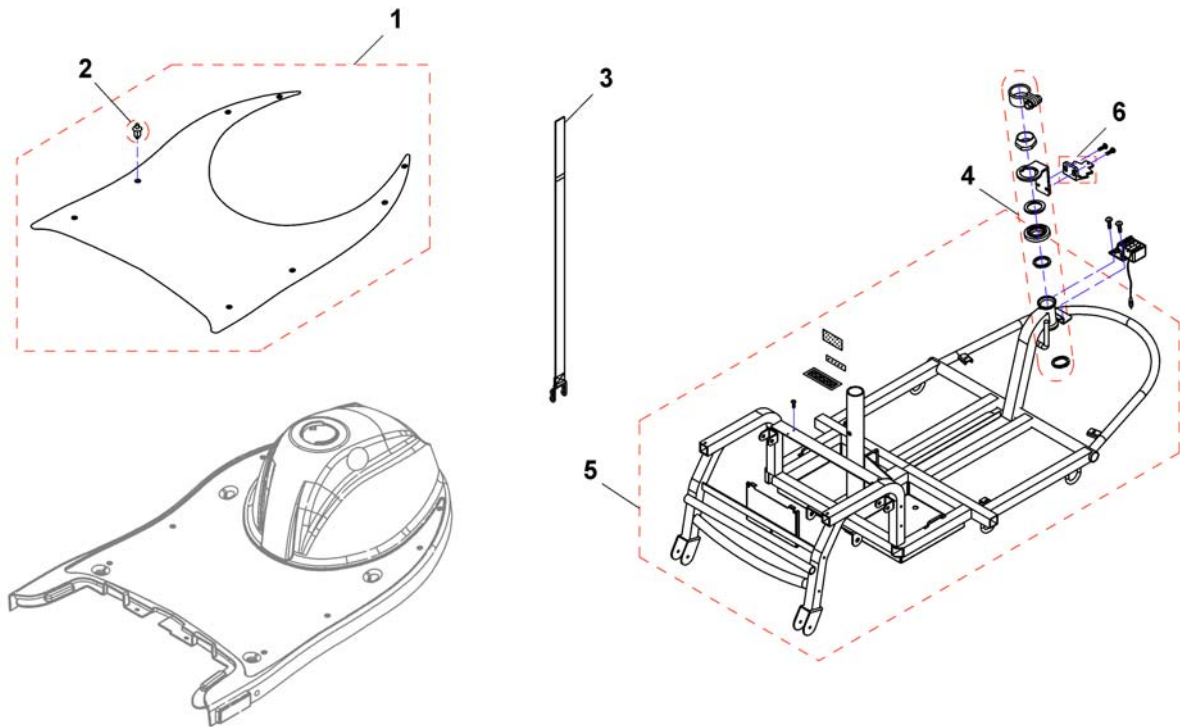
User Manuals Orion

languages.iso

BG	Български	FR	Français	NL	Nederlands	SV	Svenska
CS	Čeština	HE	עברית	NO	Norsk	UK	Українська
DA	Dansk	HR	Hrvatski	PL	Polski		
DE	Deutsch	HU	Magyar	PT	Português		
EN	English	IT	Italiano	RU	Русский		
ES	Español	JA	日本語	RO	Română		
ET	Eesti	LV	Latviešu	SK	Slovenčina		
FI	Suomi	LT	Lietuvių	SL	Slovenščina		

Pos.	Part number	Description	Valid from → until	Qty
CS	1514609	User Manual Orion Czech		1
DA	1514693	User Manual Orion Danish		1
DE	1514694	User Manual Orion German		1
DE	SP1550399	User Manual City German		1
EN	1514695	User Manual Orion English		1
ES	1514720	User Manual Orion Spanish		1
ET	1517334	User Manual Orion Estonian		1
FI	1527702	User Manual Orion Finsk		1
FR	1514721	User Manual Orion French		1
HR	1530309	User Manual Orion Croatian		1
IT	1514722	User Manual Orion Italian		1
LV	SP1583911	User Manual Orion Latvian		1
LT	1514723	User Manual Orion Lithuanian		1
NL	1514724	User Manual Orion Dutch		1
NO	1514725	User Manual Orion Norwegian		1
PL	1514726	User Manual Orion Polish		1
PT	1514727	User Manual Orion Portuguese		1
SL	1514771	User Manual Orion Slovenian		1
SV	1514820	User Manual Orion Swedish		1
UK	SP1579823	User Manual Orion Ukrainian		1

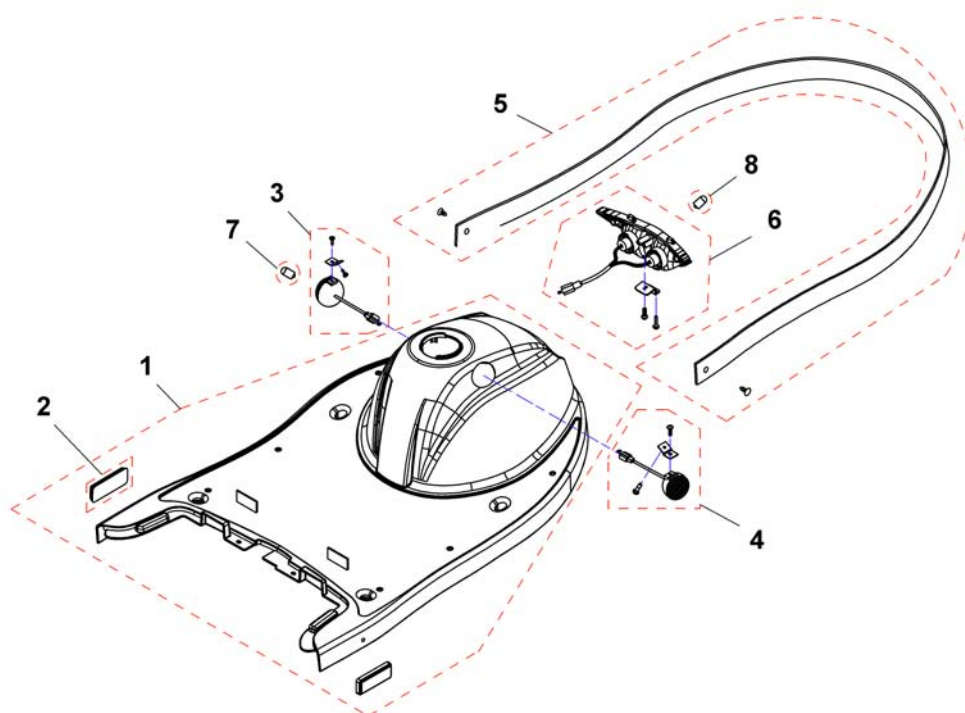
OrFig 2-3R.dwg



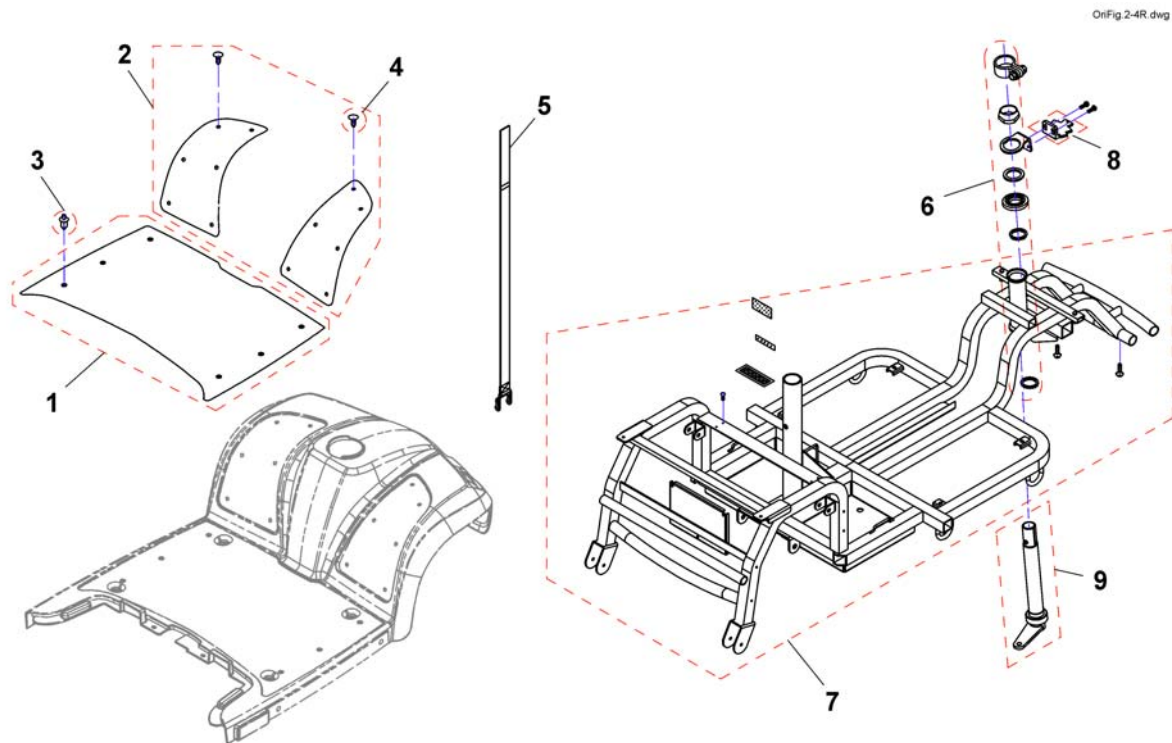
Pos.	Part number	Description	Valid from → until	Qty
1	SP1518014	Pad, Leg Shield		1
2	1505476	Push Rivet, Pad		1
3	1505482	Band, Battery Comp.		1
4	SP1505487	Bearing Kit		1
5	SP1518015	Frame 3 Wheeler		1
6	SP1536164	Trigger limit switch		1

Front shroud 3-Wheeler

OrFig 2-1-3R.dwg

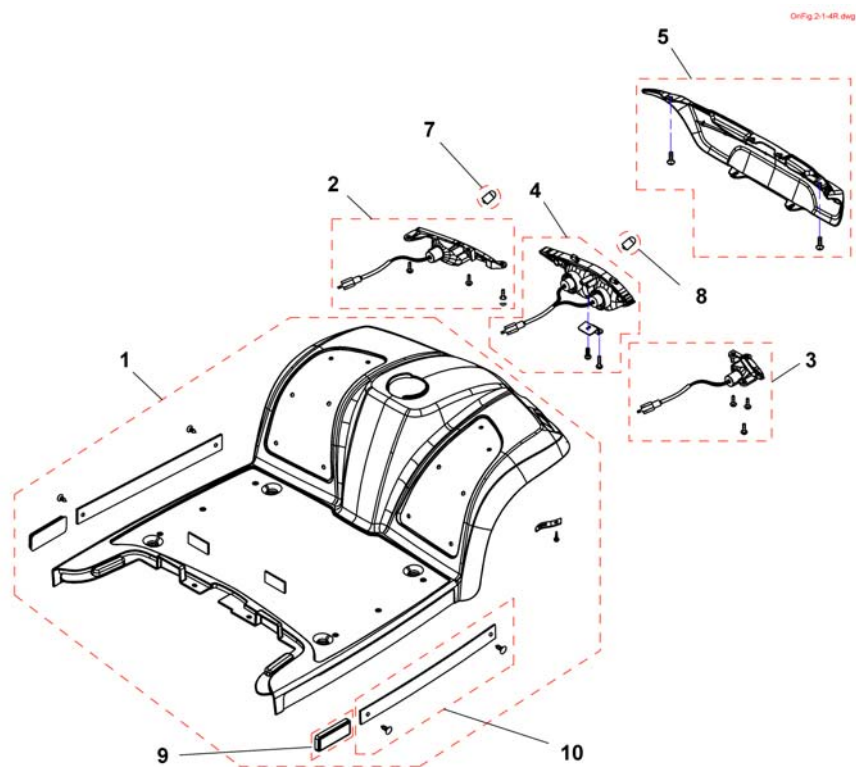


Pos.	Part number	Description	Valid from → until	Qty
	SP1523462	Tuch Up Paint Onyx Blue		1
	SP1523450	Tuch Up Paint Moonstone Silver		1
1	SP1517882	Front Shroud 3 Wheeler, silver		1
1	SP1521655	Front Shroud 3 Wheeler, blue		1
2	SP1517331	Reflector		1
3	SP1518016	Turn Signal LH		1
4	SP1518017	Turn Signal RH		1
5	SP1518012	Moulding		1
6	SP1517878	Head Light, compl.	→ 2008-08-01	1
6	SP1527473	Head Light, compl.	2008-08-02 →	1
7	SP1522030	Bulb Turn Signal 24V/10W		1
8	SP1522029	Bulb Head Light 24V/21W	→ 2008-08-01	1
8	SP1527474	Bulb Head Light 12V/15W	2008-08-02 →	1



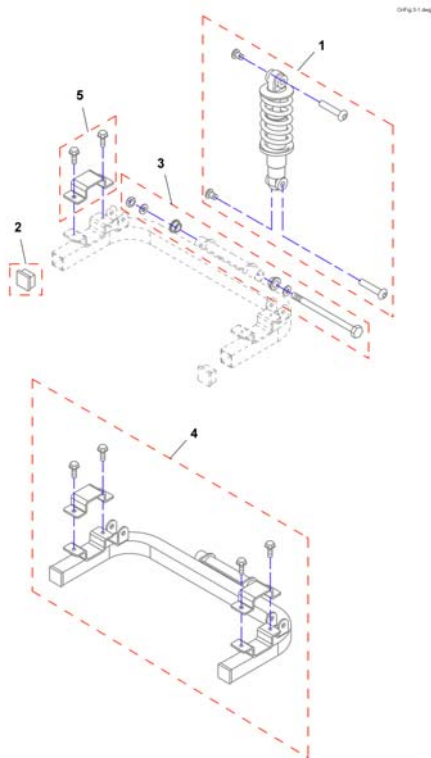
Pos.	Part number	Description	Valid from → until	Qty
1	SP1517291	Pad, Leg Shield		1
2	SP1517292	Pad Front RH/LH		1
3	1505476	Push Rivet, Pad		1
4	SP1505479	Tree Rivet (6 Pieces)		1
5	1505482	Band, Battery Comp.		1
6	SP1505487	Bearing Kit		1
7	SP1517348	Front Frame 4 Wheeler		1
8	SP1536164	Trigger limit switch		1
9	SP1561353	Steering link		1

Front shroud 4 Wheeler



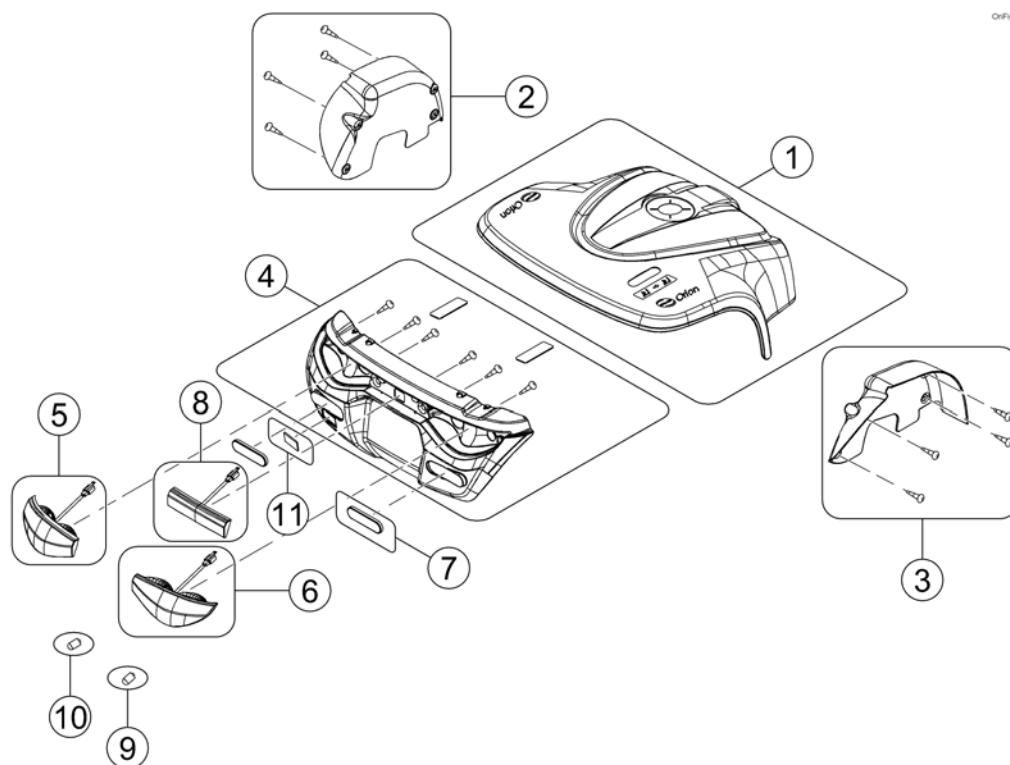
Pos.	Part number	Description	Valid from → until	Qty
	SP1523462	Tuch Up Paint Onyx Blue		1
	SP1523450	Tuch Up Paint Moonstone Silver		1
1	SP1517290	Front Shroud 4 Wheeler, silver		1
1	SP1521654	Front Shroud 4 Wheeler, blue		1
2	SP1517733	Turn Signal LH		1
3	SP1517734	Turn Signal RH		1
4	SP1517878	Head Light, compl.	→ 2008-08-01	1
4	SP1527473	Head Light, compl.	2008-08-02 →	1
5	SP1517881	Cover Bumper Front		1
8	SP1522029	Bulb Head Light 24V/21W	→ 2008-08-01	1
8	SP1527474	Bulb Head Light 12V/15W	2008-08-02 →	1
7	SP1522030	Bulb Turn Signal 24V/10W		1
9	SP1517331	Reflector		1
10	SP1521754	Moulding		1

Rear frame

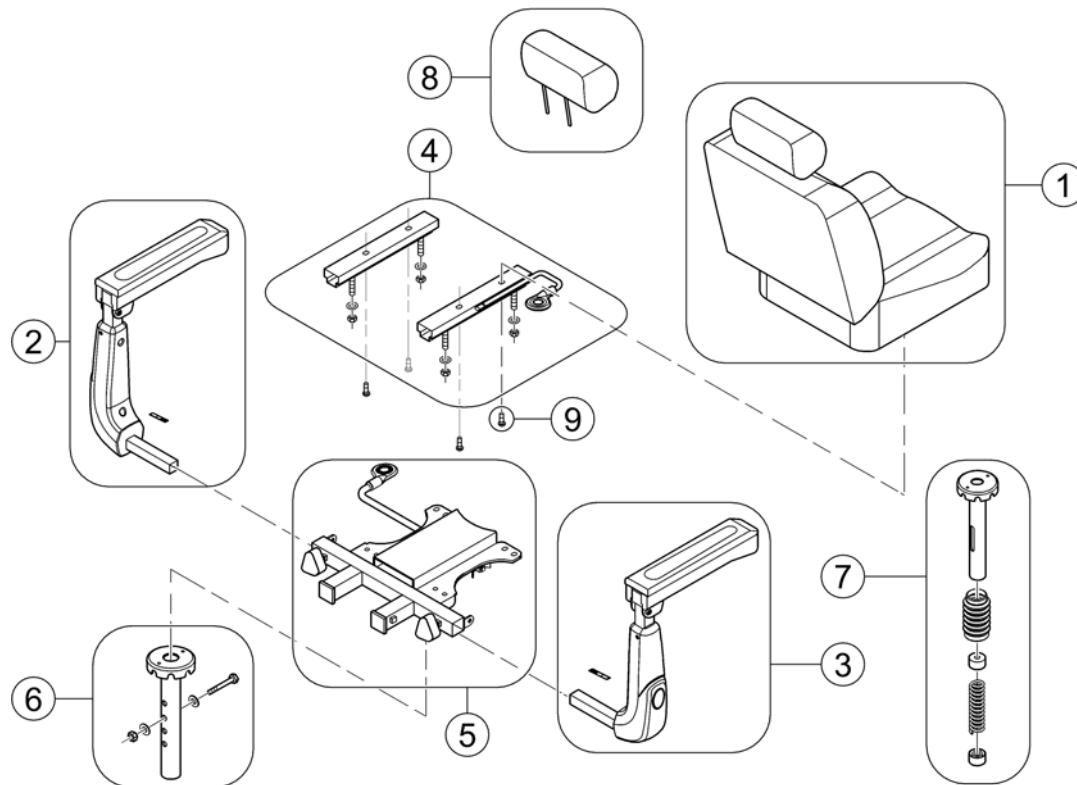


Pos.	Part number	Description	Valid from → until	Qty
1	SP1521600	Shock Absorber		1
2	SP1521597	plastic cap		1
3	SP1556450	Mounting-kit rear frame		1
4	SP1557057	Rear frame	→ 2013-02-25	1
4	SP1571586	Rear frame	2013-02-26 →	1
5	1506255	Transaxle Clamp, cpl. Kit	→ 2013-02-25	1
5	SP1571587	Transaxle clamp	2013-02-26 →	1

Rear shroud

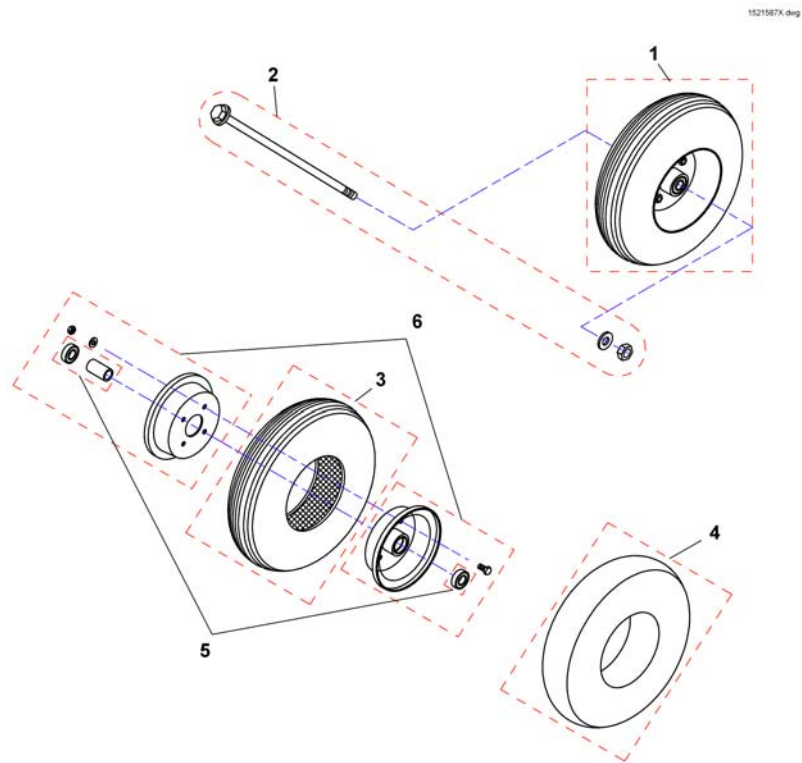


Pos.	Part number	Description	Valid from → until	Qty
1	SP1518031	Rear Shroud cmpl., silver		1
1	SP1521658	Rear Shroud cmpl., blue		1
2	SP1518030	Fender LH		1
3	SP1518029	Fender RH		1
4	SP1518032	Cover Bumper Rear		1
5	SP1518034	Rear Light incl. Turn Signal - LH		1
6	SP1518033	Rear Light incl. Turn Signal - RH		1
7	SP1518036	Reflector-R, E-Mark		2
8	SP1518035	Brake Light, cmpl.		1
9	SP1522030	Bulb Turn Signal 24V/10W		2
10	SP1522034	Bulb Rear Light 24V/5W		2
11	SP1521879	Plug, Bumper Rear		1



Pos.	Part number	Description	Valid from → until	Qty
1	SP1521687	Seat Standard		1
1	SP1586114	Seat Standard, double white stitching		1
1	SP1521693	Seat 22" Standard		1
1	SP1586113	Seat 22" Standard, double white stitches		1
2	SP1521689	Armrest LH		1
3	SP1521688	Armrest RH		1
4	SP1521690	Slide Assembly		1
5	1505533	Seatbracket Assembly Standard		1
6	SP1521691	Seatpost		1
7	SP1522456	Seat Suspension Orion 478,5mm up to 136kg		1
7	SP1522457	Seat Suspension Orion 503,5mm up to 136kg		1
7	SP1522458	Seat Suspension Orion 528,5mm up to 136kg		1
8	SP1529380	Headrest		1
9	1505534	Bolt, Slide cpl. (M8x15)		4

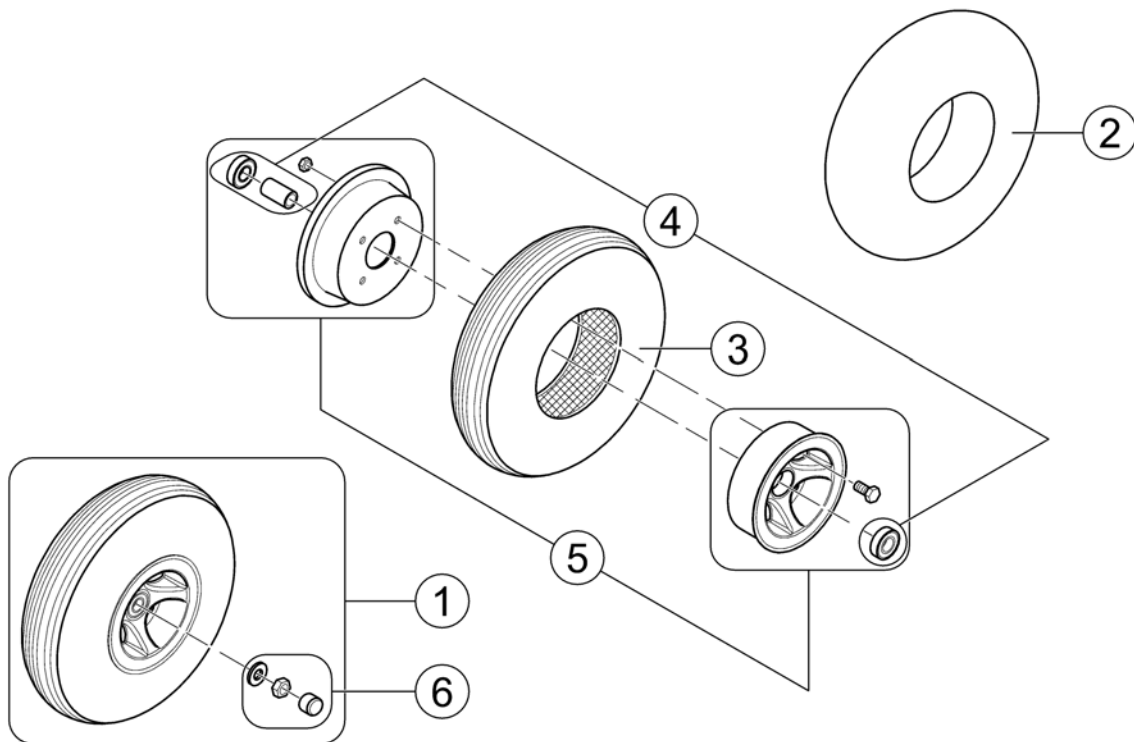
Front wheel 3-Wheeler



Pos.	Part number	Description	Valid from → until	Qty
1	SP1521587	Front Wheel (3W) with tube 11", cpl. - grey		1
1	SP1586108	Front Wheel (3W) with tube 11", cpl. - black		1
2	SP1518069	Axle, Front		1
3	SP1527729	Tyre with tube 11" - grey		1
3	SP1586109	Tyre with tube 11" - black		1
3	SP1543158	Solid Tyre PU 11" - grey		1
3	SP1586110	Solid Tyre PU 11" - black		1
4	SP1527606	Tube		1
5	SP1527730	Bearing-Kit		1
6	SP1527731	Front Wheel (3W) Rim-Kit		1

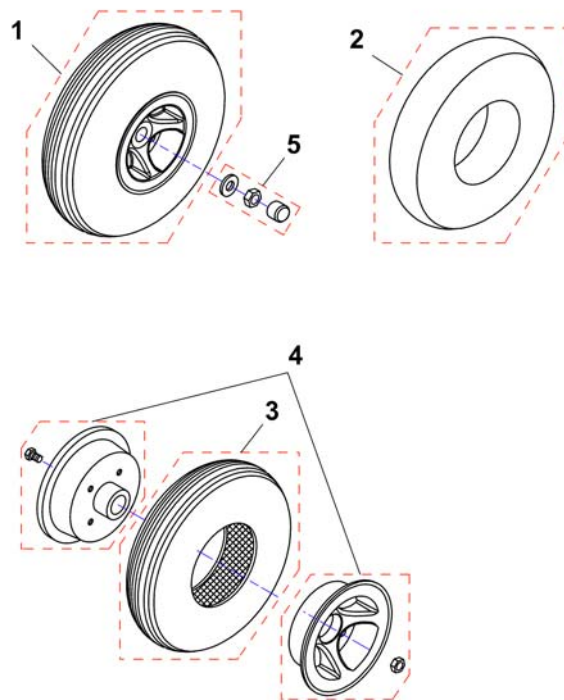
Front wheel 4-Wheeler

1521995X.iso



Pos.	Part number	Description	Valid from → until	Qty
1	SP1518333	Front Wheel (4W) with tube 11", cpl. - grey		1
1	SP1586111	Front Wheel (4W) with tube 11", cpl. - black		1
2	SP1527606	Tube		1
3	SP1527729	Tyre with tube 11" - grey		1
3	SP1586109	Tyre with tube 11" - black		1
3	SP1543158	Solid Tyre PU 11" - grey		1
3	SP1586110	Solid Tyre PU 11" - black		1
4	SP1527747	Bearing-Kit		1
5	SP1527746	Front Wheel (4W) Rim-Kit		1
6	SP1557460	Mounting Kit, Frontwheel		1

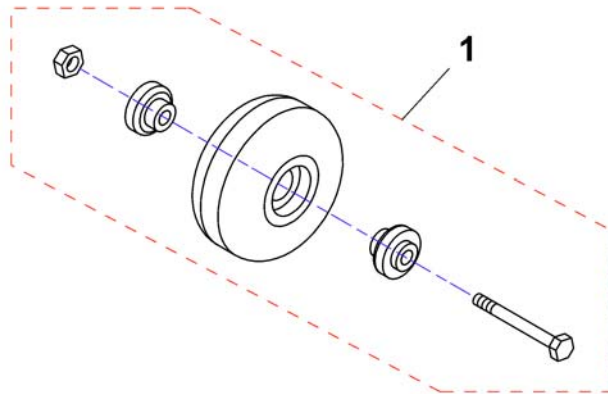
Rear wheel



Pos.	Part number	Description	Valid from → until	Qty
1	SP1518378	Rear Wheel with tube 11", cpl. - grey		1
1	SP1586112	Rear Wheel with tube 11", cpl. - black		1
2	SP1527606	Tube		1
3	SP1527729	Tyre with tube 11" - grey		1
3	SP1586109	Tyre with tube 11" - black		1
3	SP1543158	Solid Tyre PU 11" - grey		1
3	SP1586110	Solid Tyre PU 11" - black		1
4	SP1527749	Rear Wheel Rim-Kit		1
5	SP1557459	Mounting Kit, Rear Wheel		1

Anti-tipp-wheel

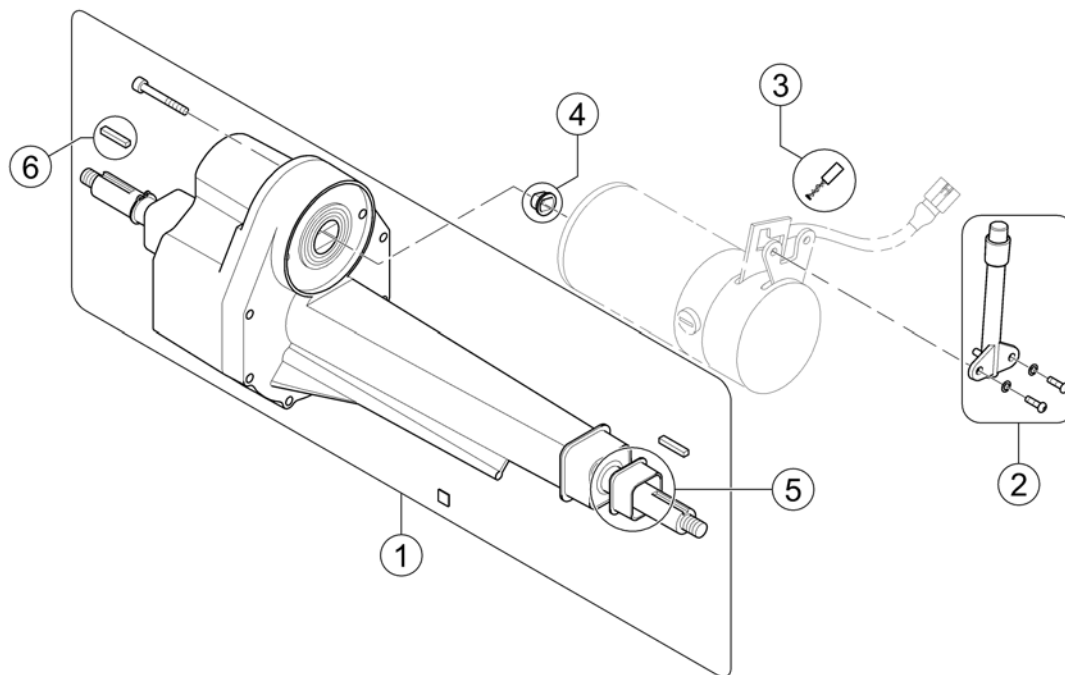
1505676X.dwg



Pos.	Part number	Description	Valid from → until	Qty
1	SP1505676	Wheel, Anti-Tipper		1

Propulsion 6/10 km/h

ORFIG 6-1.00



Pos.	Part number	Description	Valid from → until	Qty
1	SP1521590	Differential 6/10 km/h => S/N 13BED0020 (3-Wheel) / 13BEE0284 (4-Wheel)	→ 2013-02-25	1
1	SP1571570	Differential 6/10 km/h S/N 13BED0021 (3-Wheel) / 13BEE0285 (4-Wheel) =>	2013-02-26 →	1
2	SP1505672	Disclutching Lever 113,2 mm		1
3	SP1527844	Carbon Brush (2 Pieces)		1
4	1505667	Guide => S/N 13BED0020 (3-Wheel) / 13BEE0284 (4-Wheel)	→ 2013-02-25	1
4	SP1571584	Guide S/N 13BED0021 (3-Wheel) / 13BEE0285 (4-Wheel) =>	2013-02-26 →	1
5	SP1533852	Rubber Pad => S/N 13BED0020 (3-Wheel) / 13BEE0284 (4-Wheel)	→ 2013-02-25	1
5	SP1571585	Rubber Pad S/N 13BED0021 (3-Wheel) / 13BEE0285 (4-Wheel) =>	2013-02-26 →	1
6	1505669	Key 5x30		1

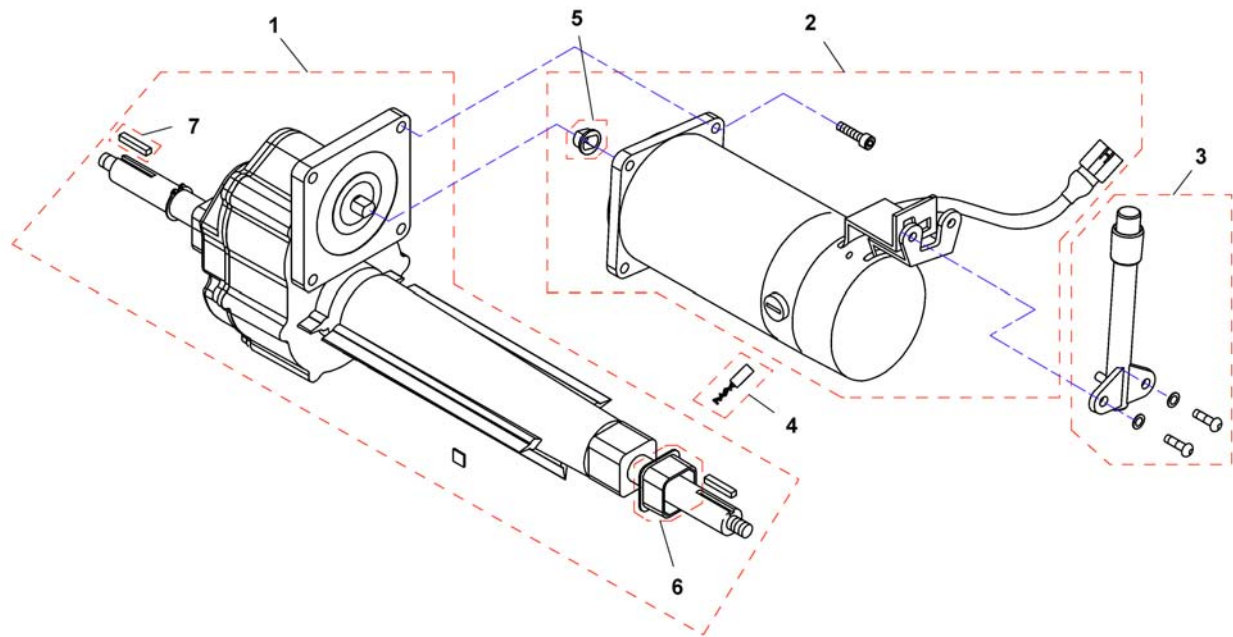
Motors 6 & 10 km/h - Orion

Name	Wheels	Color	km/h	Serialnumber	built	Rhino	Motor
Orion	3	blue	10	-> 11FED0035		1	2
Orion	3	blue	10	11FED0036 - 11GED0010		1	2
Orion	3	blue	10	11GED0011 - 13BED0020	-> 25.02.2013	2	5
Orion	3	blue	10	13BED0021 ->	26.02.2013 ->	2	6
Orion	3	silver	10	-> 11GED0100		1	2
Orion	3	silver	10	11GED0101 - 13BED0020	-> 25.02.2013	2	5
Orion	3	silver	10	13BED0021 ->	26.02.2013 ->	2	6
Orion	4	blue	6	-> 11FEE0724		1	1
Orion	4	blue	6	11FEE0725 - 12DEE0328		1	1
Orion	4	blue	6	12DEE0329 - 13BEE0284	-> 25.02.2013	2	3
Orion	4	blue	6	13BEE0285 ->	26.02.2013 ->	2	4
Orion	4	silver	6	-> 11FEE0699		1	1
Orion	4	silver	6	11FEE0700 - 11HEE0006		1	1
Orion	4	silver	6	11HEE0007 - 13BEE0284	-> 25.02.2013	2	3
Orion	4	silver	6	13BEE0285 ->	26.02.2013 ->	2	4
Orion	4	blue	10	-> 11FEE0347		1	2
Orion	4	blue	10	11FEE0348 - 11GEE0244		1	2
Orion	4	blue	10	11GEE0245 - 13BEE0284	-> 25.02.2013	2	5
Orion	4	blue	10	13BEE0285 ->	26.02.2013 ->	2	6
Orion	4	silver	10	-> 11FEE0337		1	2
Orion	4	silver	10	11FEE0338 - 11GEE0236		1	2
Orion	4	silver	10	11GEE0237 - 13BEE0284	-> 25.02.2013	2	5
Orion	4	silver	10	13BEE0285 ->	26.02.2013 ->	2	6

Pos.	Part number	Description	Valid from → until	Qty
1	SP1518376	Motor 6 km/h, Rhino		1
2	SP1518377	Motor, 10 km/h, Rhino		1
3	SP1553430	Motor, 6 km/h, Rhino2		1
4	SP1571582	Motor, 6 km/h, Rhino2		1
5	SP1553431	Motor, 10 km/h, Rhino2		1
6	SP1571583	Motor, 10 km/h, Rhino2		1

Propulsion 12 km/h

OrFig 6-2.dwg



Pos.	Part number	Description	Valid from → until	Qty
1	SP1521591	Differential 12 km/h		1
2	-	Motors 12 km/h		0
3	SP1527753	Disclutching Lever 93,2 mm		1
4	SP1527845	Carbon Brush (4 Pieces)		1
5	1505667	Guide		1
6	SP1533852	Rubber Pad		1
7	1505669	Key 5x30		1

Motors 12 km/h

1584199 iso

Motors 12 km/h - Orion

Name	Wheels	Color	km/h	Serialnumber	Rhino	Motor
Orion	3	silver	12	-> 11FED0048	1	7
Orion	3	silver	12	11FED0049 - 11GED0028	1	7
Orion	3	silver	12	11GED0029 ->	2	8
Orion	3	silver	12	-> 11FED0052	1	7
Orion	3	silver	12	11FED0053 - 11GED0000	1	7
Orion	3	silver	12	11GED0001 ->	2	8
Orion	4	blue	12	-> 11FEE0764	1	7
Orion	4	blue	12	11FEE0765 - 11FEE1079	1	7
Orion	4	blue	12	11FEE1080 ->	2	8
Orion	4	silver	12	-> 11FEE0494	1	7
Orion	4	silver	12	11FEE0495 - 11FEE1109	1	7
Orion	4	silver	12	11FEE1110 ->	2	8

 = without batteries

Pos.	Part number	Description	Valid from → until	Qty
7	SP1518390	Motor Orion 12 km/h & Comet 10 km/h, Rhino		1
8	SP1553428	Motor Orion 12 km/h & Comet 10 km/h, Rhino2		1

Powermodules & Speed Reduction

1584259-000

Powermodules & Speed Reduction - Orion

Name	Wheels	Color	Notice	km/h	Serialnumber	Rhino	Powermodule	Speed Reduction
Orion	3	blue		10	-> 11FED0035	1	23	35
Orion	3	blue		10	11FED0036 - 11GED0010	1	23	29
Orion	3	blue		10	11GED0011 ->	2	20	29
Orion	3	silver		10	-> 11GED0100	1	23	35
Orion	3	silver		10	11GED0101 ->	2	20	29
Orion	3	silver		12	-> 11FED0048	1	24	36
Orion	3	silver		12	11FED0049 - 11GED0028	1	24	30
Orion	3	silver		12	11GED0029 ->	2	20	30
Orion	3	silver	⚠	12	-> 11FED0052	1	24	36
Orion	3	silver	⚠	12	11FED0053 - 11GED0000	1	24	30
Orion	3	silver	⚠	12	11GED0001 ->	2	20	30
Orion	4	blue		6	-> 11FEE0724	1	15	31
Orion	4	blue		6	11FEE0725 - 12DEE0328	1	15	28
Orion	4	blue		6	12DEE0329 ->	2	19	28
Orion	4	silver		6	-> 11FEE0699	1	15	31
Orion	4	silver		6	11FEE0700 - 11HEE006	1	15	28
Orion	4	silver		6	11HEE007 ->	2	19	28
Orion	4	blue		10	-> 11FEE0347	1	23	32
Orion	4	blue		10	11FEE0348 - 11GEE0244	1	23	29
Orion	4	blue		10	11GEE0245 ->	2	20	29
Orion	4	silver		10	-> 11FEE0337	1	23	32
Orion	4	silver		10	11FEE0338 - 11GEE0236	1	23	29
Orion	4	silver		10	11GEE0237 ->	2	20	29
Orion	4	blue		12	-> 11FEE0764	1	24	33
Orion	4	blue		12	11FEE0765 - 11FEE1079	1	24	30
Orion	4	blue		12	11FEE1080 ->	2	20	30
Orion	4	silver		12	-> 11FEE0494	1	24	33
Orion	4	silver		12	11FEE0495 - 11FEE1109	1	24	30
Orion	4	silver		12	11FEE1110 ->	2	20	30

⚠ = without batteries

Pos.	Part number	Description	Valid from → until	Qty
15	AT1517316	Controller, Rhino, 70A, DS72KB01 (refurbished)		1
19	SP1553404	Controller, Rhino2, 90A, DS90		1
20	SP1553399	Controller, Rhino2, 120A, DS120		1
23	SP1559360	Upgrade Kit Orion 10km/h Rhino - 110A to Rhino2 - 120A		1
24	SP1559395	Upgrade Kit Orion 12km/h Rhino - 110A to Rhino2 - 120A		1
-	-	For Mounting the Speed Reduction Switch, the Adjustment Gauge SP1581766 is needed!		0
-	SP1581766	Adjustment Gauge, Speed Reduction Switch		1
28	SP1556266	Speed Limit Switch Box 2. Generation, Orion 3 & 4-wheel 6 km/h - Comet/Comet Alpine 3 & 4-wheel 10 km/h & Comet HD 10 km/h		1
29	SP1556281	Speed Limit Switch Box 2. Generation, Orion 3 & 4-wheel 10 km/h		1
30	SP1556282	Speed Limit Switch Box 2. Generation, Orion 3 & 4-wheel 12 km/h - Comet 3 & 4-wheel 12,8 & 15 km/h		1
31	SP1554025	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 4-Wheel 6km/h		1
32	SP1554026	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 4-Wheel 10 km/h - Comet/Comet Alpine 3 & 4-Wheel 10 km/h & Comet HD 10 km/h		1
33	SP1554027	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 4-Wheel 12 km/h - Comet 3 & 4-Wheel 12,8 & 15 km/h		1
35	SP1554029	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 3-Wheel 10 km/h		1
36	SP1554030	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 3-Wheel 12 km/h		1

Upgrade Kits - Powermodules & Speed Reduction

RHINOUPGRADE.iss

Upgrade Kit Powermodule - Rhino >>> Rhino2

incl. Controller & Motor Assembly

Orion			Comet		Comet Alpine	Comet HD
6 km/h	10 km/h	12 km/h	12,8 km/h	15 km/h	10 km/h	10 km/h
22	23	24	25		26	27

Upgrade Kit Speed Reduction - Generation 1 >>> Generation 2

	3-Wheel					4-Wheel				
	6 km/h	10 km/h	12 km/h	12,8 km/h	15 km/h	6 km/h	10 km/h	12 km/h	12,8 km/h	15 km/h
Orion	34	35	36	-	-	31	32	33	-	-
Comet	-	32	-	33	33	-	32	-	33	33
Comet HD	-	32	-	-	-	-	32	-	-	-
Comet Alpine	-	32	-	-	-	-	32	-	-	-

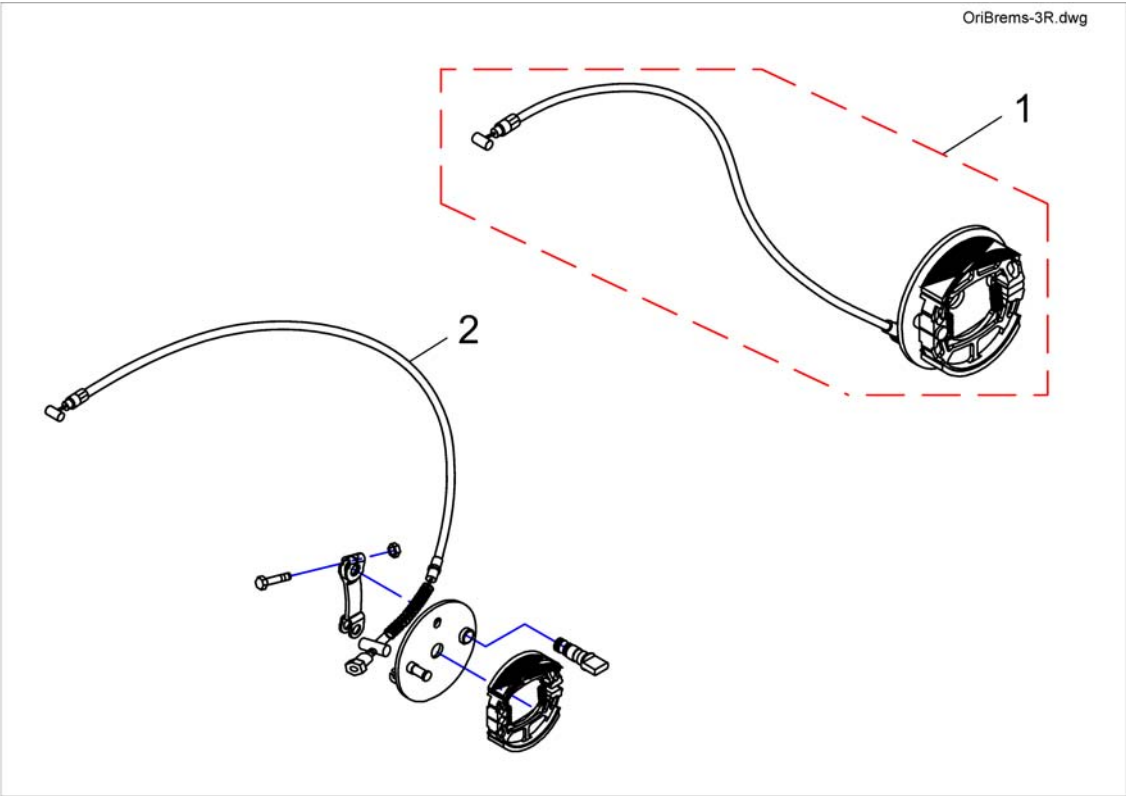
Pos.	Part number	Description	Valid from → until	Qty
22	SP1553627	Upgrade Kit Orion 6km/h Rhino - 70A to Rhino2 - 90A		1
23	SP1559360	Upgrade Kit Orion 10km/h Rhino - 110A to Rhino2 - 120A		1
24	SP1559395	Upgrade Kit Orion 12km/h Rhino - 110A to Rhino2 - 120A		1
25	SP1559396	Upgrade Kit Comet 12,8 & 15km/h Rhino1 - 110A to Rhino2 - 120A		1
26	SP1559397	Upgrade Kit Comet Alpine Rhino1 - 160A to Rhino2 - 160A		1
27	SP1559398	Upgrade Kit Comet HD Rhino1 - 160A to Rhino2 - 160A		1
-		For Mounting the Speed Reduction Switch, the Adjustment Gauge SP1581766 is needed!		0
	SP1581766	Adjustment Gauge, Speed Reduction Switch		1
31	SP1554025	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 4-Wheel 6km/h		1
32	SP1554026	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 4-Wheel 10 km/h - Comet/Comet Alpine 3 & 4-Wheel 10 km/h & Comet HD 10 km/h		1
33	SP1554027	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 4-Wheel 12 km/h - Comet 3 & 4-Wheel 12,8 & 15 km/h		1
34	SP1554028	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 3-Wheel 6 km/h		1
35	SP1554029	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 3-Wheel 10 km/h		1
36	SP1554030	Speed Limit Switch Box Upgrade Kit to 2. Generation, Orion 3-Wheel 12 km/h		1

Batteries



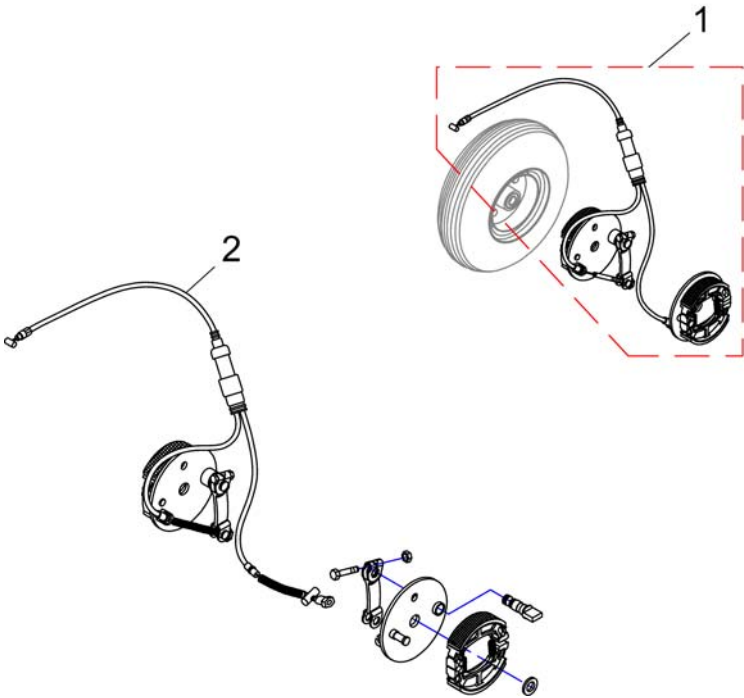
	Capacity [Ah]															
	1,2	12	30	31	32	36	38	40	40	50	50	50,9	60	73,6	75	97,6
Bora/SpectraXTR								8		10						
Dragon									10				13			
Dragon Vertic													13			
FDX													13			
G50													13	14		16
Kite													13	14		
Mirage				4				8								
Mistral3				4								12				
P9000XDT					5											
Pronto M41					5											
Pronto M61					5											
Spectra Blitz								8				12				
Spectra Comfort							7									
Spectra Plus							7									
Spectra Seat Riser							7									
Storm3										10			13	14		
Storm3 True Track	1													14		
Storm3 Vertic														14		
Storm4														14		
Storm4 Max														14		
Stream										10			13			
TDX-SP														14		
TDX-SP Narrow												12				
Tiger										10			13			
Topan													13			
Tornado								8								
Typhoon													13			
Typhoon GB	1												13			
Typhoon GB	1												13			
Zephyr	1												13			
Auriga			3					8		10						
Comet														14	15	
Leo						6			9							
Lynx		2														
Meteor														14		
Orion												11				
length [mm]	97	152	197	196	211	196	210	197	198	198	198	238	259	260	260	329
width [mm]	49	99	132	132	132	130	175	168	165	166	165	140	169	171	168	171
height [mm]	51	102	180	183	183	179	175	175	171	176	170	235	178	210	223	238
weight [kg]	0,6	3,9	11,1	10,5	11	12	14,6	14,4	14,2	14	16	17,1	19,3	24,3	26	32,5

Pos.	Part number	Description	Valid from → until	Qty
i	-	Change batterys only pairwise and from the same type!		1
1	1440386	Battery, 12V/1,2Ah C20, GEL		1
2	SP1506493	Battery 12V/12Ah, lead acid		1
3	P50021	Battery, 12V/30Ah C20, GEL		1
4	P50029	Battery, 12V/31Ah C20, GEL		1
5	SP1521459	Battery, 12V/34Ah C20, AGM		1
6	1505498	Battery, 12V/36Ah C20, AGM		1
7	P50028	Battery, 12V/38Ah C20, GEL (UK & DK only)		1
8	PG50988	Battery, 12V/40Ah C20, GEL		1
9	SP1550692	Battery, 12V/40Ah C20, AGM		1
10	SP1522107	Battery, 12V/50Ah C20, AGM		1
11	SP1521695	Battery, 12V/50Ah C20 AGM		1
12	PG50989	Battery, 12V/50,9Ah C20, GEL		1
13	1432944	Battery, 12V/60Ah C20, GEL		1
14	P50016	Battery, 12V/73,6 Ah C20, Gel		1
15	SP1522026	Battery, 12V/75Ah C20, AGM		1
16	1478675	Battery, 12V/97,6Ah C20, GEL		1



Pos.	Part number	Description	Valid from → until	Qty
1	SP1521588	Brake Assembly 3 Wheeler		1
2	SP1518419	Brake Cable 3 Wheeler		1

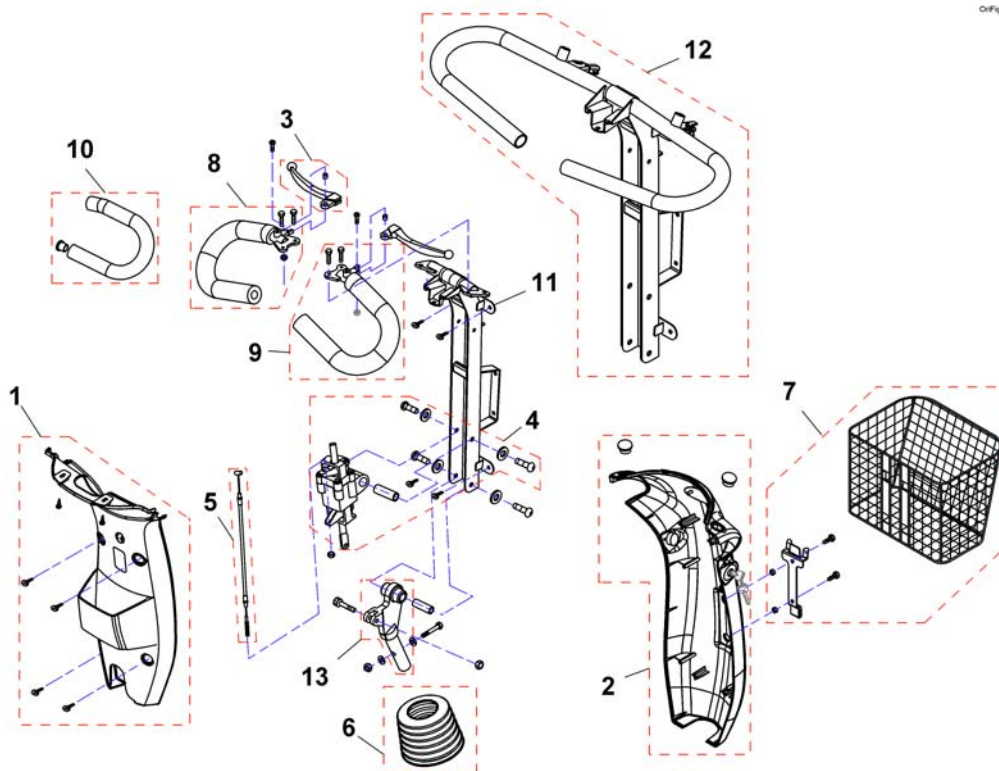
OriBrems-4R.dwg



Pos.	Part number	Description	Valid from → until	Qty
1	SP1521589	Brake Assembly 4 Wheeler		1
2	SP1518422	Brake Cable 4 Wheeler		1

Steering

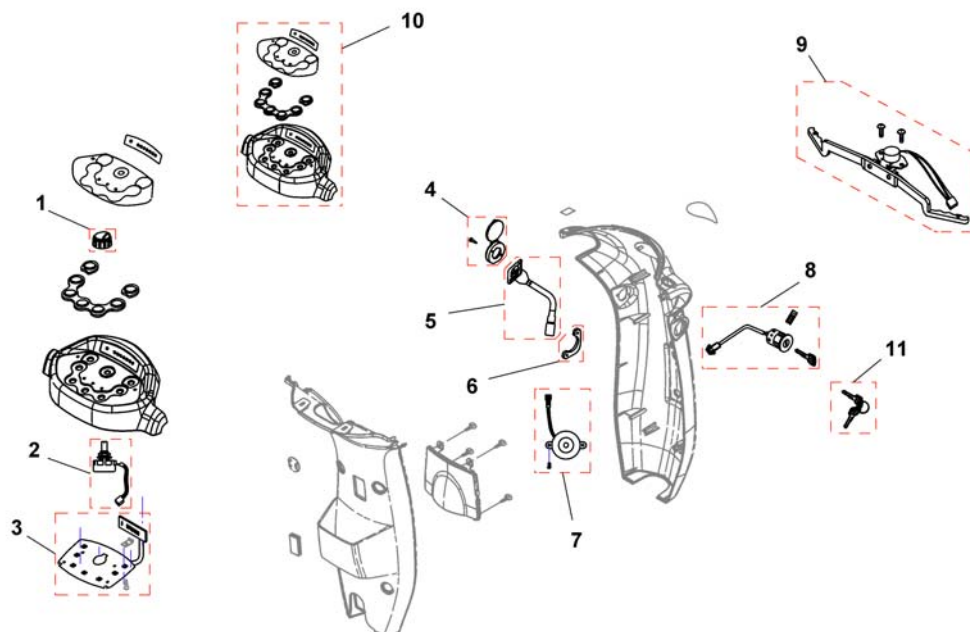
OrFig.1.dwg



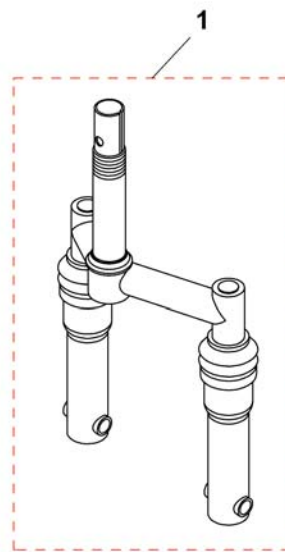
Pos.	Part number	Description	Valid from → until	Qty
1	SP1521725	Rear Cover Steering		1
2	SP1521495	Front Cover Steering, silver		1
2	SP1521727	Front Cover Steering, blue		1
3	SP1521578	Regulator Rod RH/LH		1
4	SP1505279	Steering Adjustment		1
5	SP1521583	Cable		1
6	SP1521586	Gaiter		1
7	SP1521584	Basket, Front		1
8	SP1527788	Curved Handlebar, left	→ 2009-02-28	1
8	SP1527828	Ergo Handle Bar LH	2009-03-01 → 2012-01-16	1
9	SP1527789	Curved Handlebar, right	→ 2009-02-28	1
9	SP1527827	Ergo Handle Bar RH	2009-03-01 → 2012-01-16	1
10	SP1527792	Foam cover for handlebar		1
11	SP1541396	Steering unit	→ 2012-01-15	1
12	SP1555848	Steering unit	2012-01-16 →	1
13	1505297	Joint B, Steering Adj Lower		1

Steering Details

OrFig 1-1.dwg

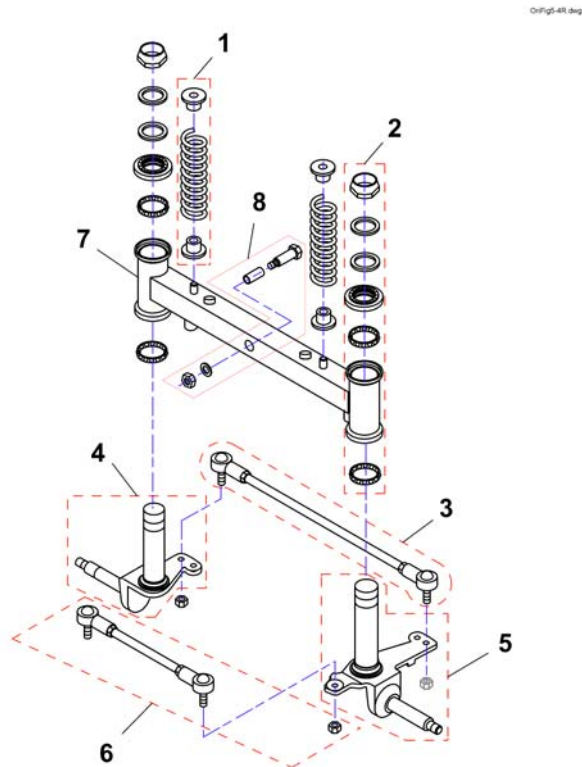


Pos.	Part number	Description	Valid from → until	Qty
1	1505460	Knob, Speed Control		1
2	1505462	Variable Resistor 30KOhm, cpl.		1
3	SP1524542	P.C. Board	→ 2008-08-01	1
3	SP1527395	P.C. Board	2008-08-02 → 2009-05-24	1
3	SP1532909	P.C. Board <i>Serialnumber (Orion 3w 09EED0014 ==>) (Orion 4w 09EEE0080 ==>)</i>	2009-05-25 →	1
4	1523534	Cover, Charger-Inlett		1
5	1523543	Charger-Inlett		1
6	SP1523544	Plate		1
7	1506153	Buzzer, cpl.		1
8	1505451	Key Cylinder (Standard)		1
8	SP1543154	Personal Key Cylinder + 2 Keys		1
9	SP1521575	Starter		1
10	SP1526435	Cover, Upper Steering	→ 2009-05-24	1
10	SP1532908	Cover, Upper Steering <i>Serialnumber (Orion 3w 09EED0014 ==>) (Orion 4w 09EEE0080 ==>)</i>	2009-05-25 →	1
11	SP1530211	Key, set of 2 (Standard)		1



Pos.	Part number	Description	Valid from → until	Qty
1	1528063	Fork Assembly cmpl., 35mm		1
1	1528064	Fork Assembly cmpl., 27mm		1

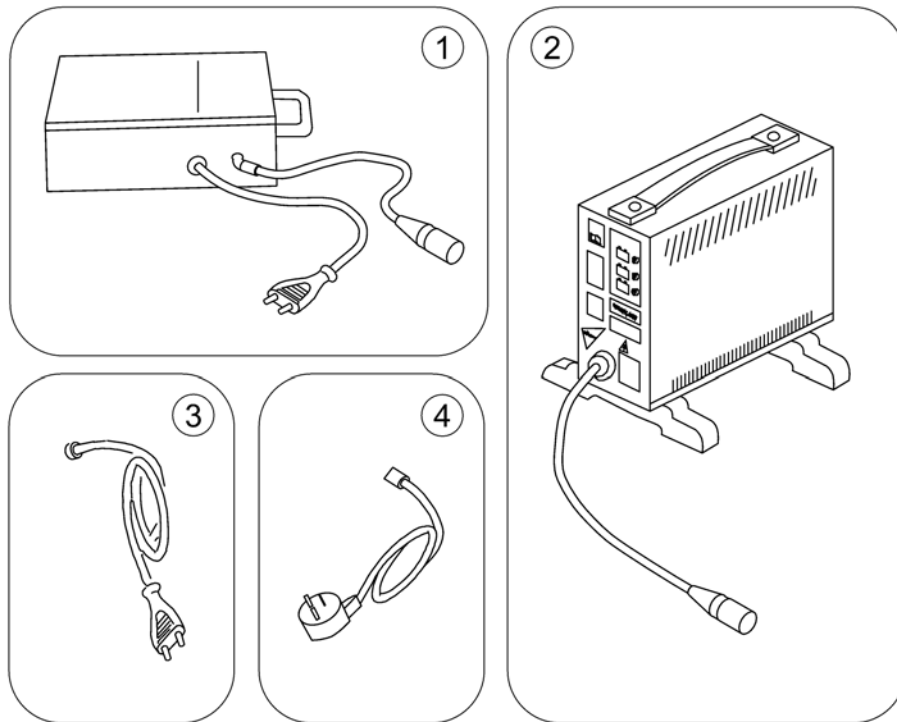
Steering linkage 4-Wheeler



Pos.	Part number	Description	Valid from → until	Qty
1	SP1518196	Spring, Front Wheel		1
2	SP1505487	Bearing Kit		1
3	SP1518077	Front Rod Assembly		1
4	SP1518237	Front Axle LH		1
5	SP1518238	Front Axle RH		1
6	SP1518078	Rear Rod Assembly		1
7	SP1518076	Swing holder, front		1
8	SP1563328	Suspension arm fixation		1

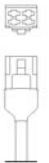
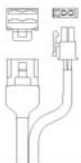
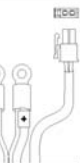
Chargers

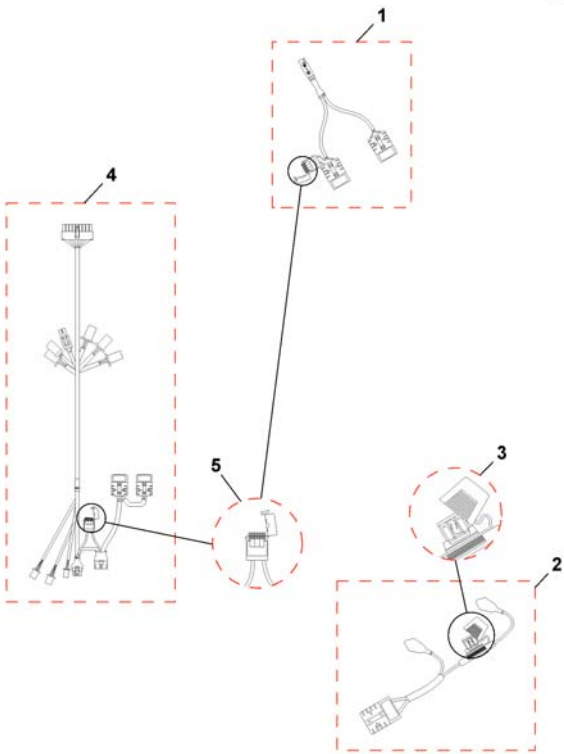
1585806 (n)



Pos.	Part number	Description	Valid from → until	Qty
1	5813987	Charger 8A, Gi Popular (Sweden only)		1
2	SPP51981	Charger 8A for Batteries up to 73Ah (without power cord)		1
3	P21079	Power Cord, Continental Shockproof Plug		1
4	P21080	Power Cord, UK		1
4	SP1553849	Power Cord, Israel		1

Cable

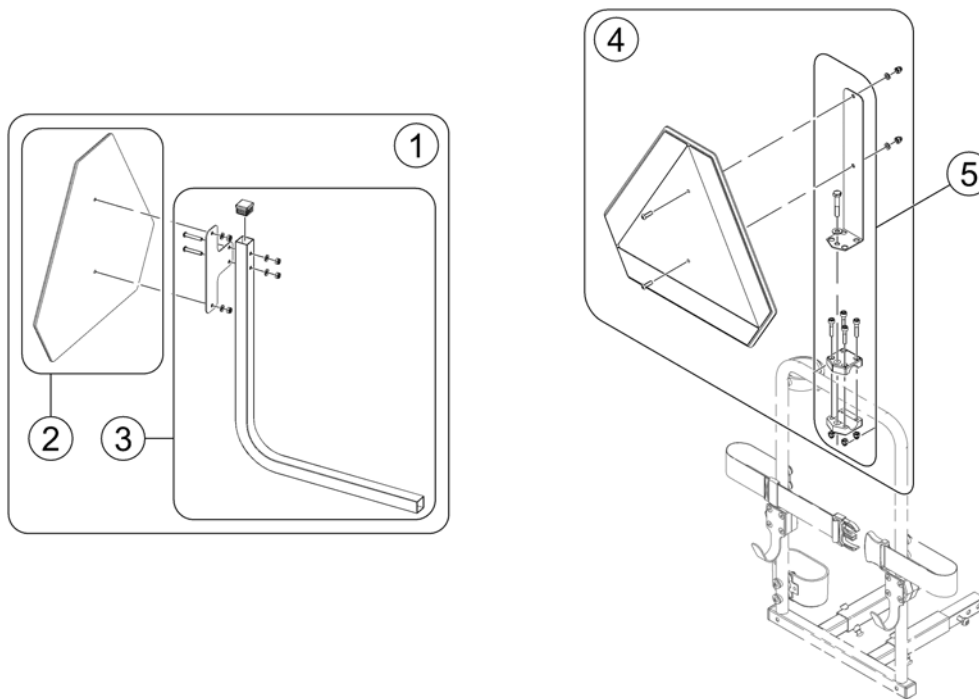
Rhino & Rhino2					
RHINO	70A	110A		160A	
					
RHINO2	90A	120A		160A	
					



Pos.	Part number	Description	Valid from → until	Qty
1	SP1521644	Off Board Charging Cable Orion & Comet		1
2	SP1521696	Batterycable		1
3	1505500	Fuse (70Amp)		1
4	SP1521576	Wire, Harness, Rhino	→ 2008-08-18	1
4	SP1527399	Wire, Harness, Rhino	2008-08-19 → 2009-05-24	1
		Serialnumber (Orion 3w 08JED0001 ==>) (Orion 4w 08HRB0082)P		
4	SP1532910	Wire, Harness, Rhino	2009-05-25 →	1
		Serialnumber (Orion 3w 09EED0014 ==>) (Orion 4w 09EEE0080 ==>)		
4	SP1553403	Wire Harness, 90A/120A, Rhino2		1
5	SP1521577	Fuse 10A		1

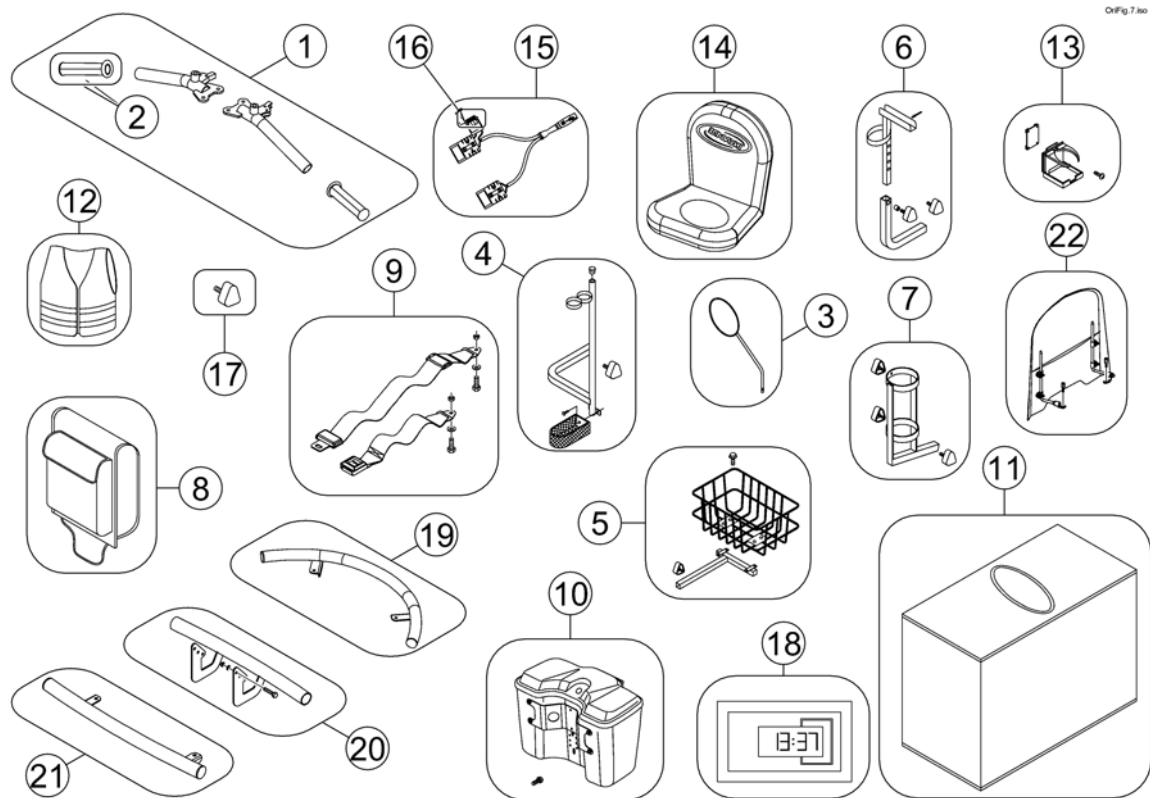
Warning Triangle

OrionFig.8.150



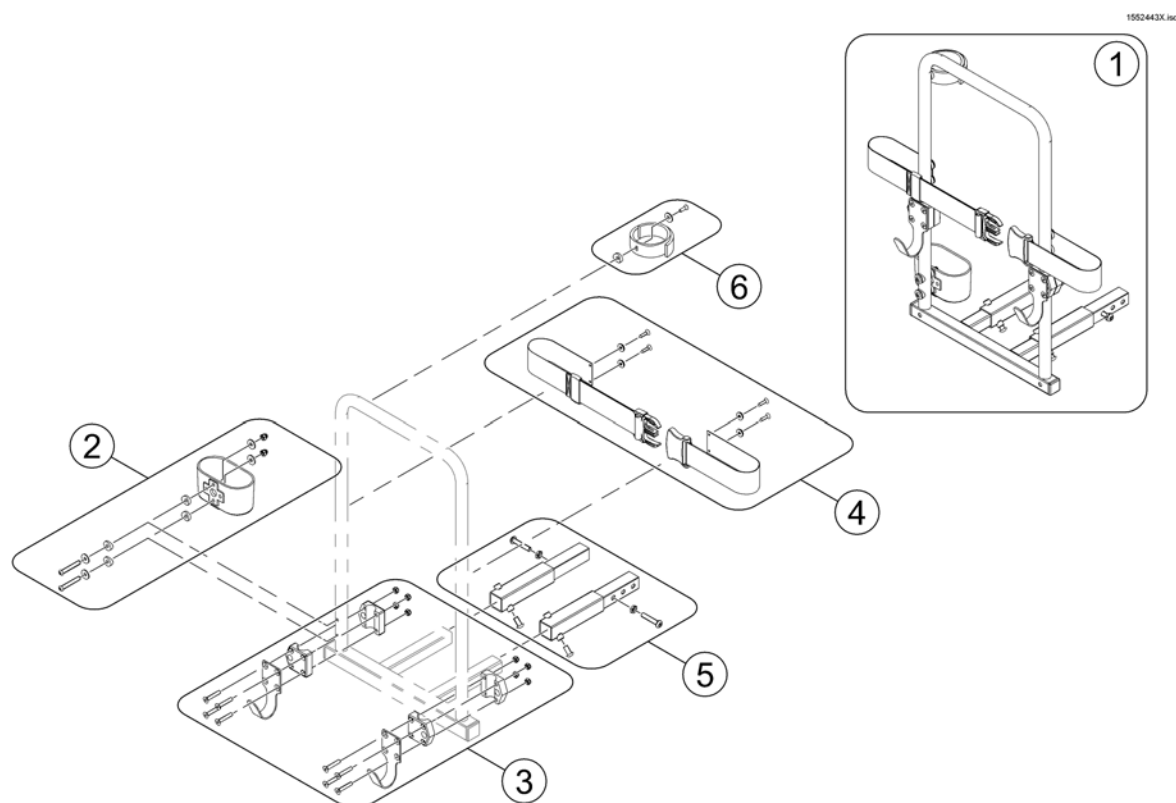
Pos.	Part number	Description	Valid from → until	Qty
1	SP1523648	Warning Triangle Scooter		1
2	1430834	Rear Marking Sign Ece-R 69		1
3	SP1526913	Holder Warning Triangel		1
4	SP1430410	Reflective Sign ECE-R 69, complete		1
5	SP1580671	Bracket, Reflective Sign, cpl.		1

Accessories



Pos.	Part number	Description	Valid from → until	Qty
1	SP1518330	T-Shape Steering Bars	→ 2012-01-15	1
2	1505415	Grip, Handle Bar	→ 2012-01-15	1
3	SP1518241	Rear-view Mirror LH/RH, black		1
4	SP1528274	Crutchholder, cpl.		1
5	SP1505727	Rear Basket, cpl.		1
6	SP1505728	Walking Frame Holder, cpl.		1
7	SP1505729	Oxygen Bottle Holder (complete with 3 screws)		1
8	SP1505731	Bag, Seat Rear		1
9	SP1518274	Lap Belt with Auto Lock Comet & Orion		1
10	SP1521595	Lockable Storage Box - silver		1
10	SP1521661	Lockable Storage Box - onyx blue		1
10	SP1537710	Lockable Storage Box Slate Grey		1
10	SP1551408	Lockable Storage Box Velvet Grey		1
11	SP1518240	Storage Cover Comet & Orion		1
12	SP1521592	Safety vest		1
13	SP1521594	Can Holder		1
14	SP1521684	Seat Cover Rain & Dirt protection		1
15	SP1521644	Off Board Charging Cable Orion & Comet		1
16	SP1521577	Fuse 10A		1
17	SP1507005	Star Handle		1
18	SP1571491	Hourcounter		1
19	SP1528275	Front Bumper, 3-Wheeler		1
20	SP1528295	Front Bumper Orion 4w		1
21	SP1528296	Rear Bumper Orion		1
22	SP1543160	Windscreen		1

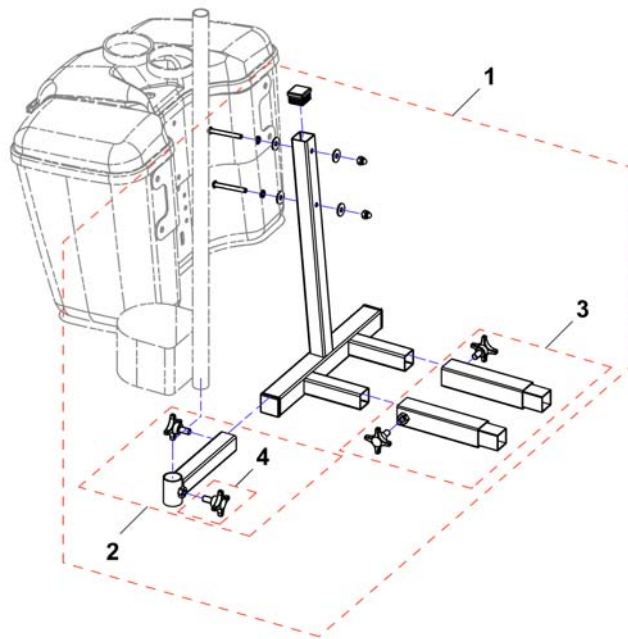
Rollator bracket



Pos.	Part number	Description	Valid from → until	Qty
1	SP1553851	Rollator Holder		1
2	SP1560465	Cane peel, cpl.		1
3	SP1553890	Rollator hooks		1
4	SP1553891	Belt, cpl.		1
5	SP1552594	Extension Tubes Rollator Holder <i>only needed for Orion & Comet</i>		1
6	SP5009551	Belt for Caneholder		1

Storage box rear bracket

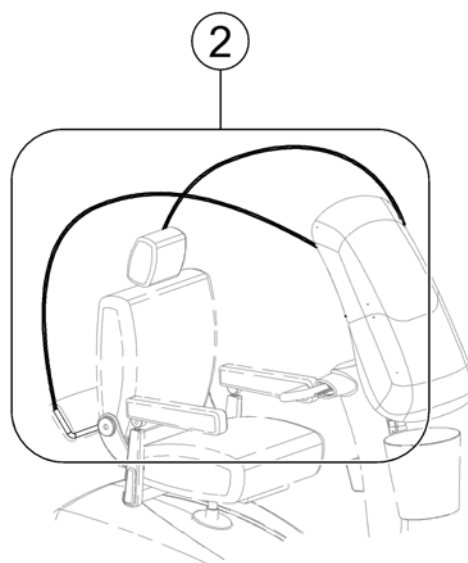
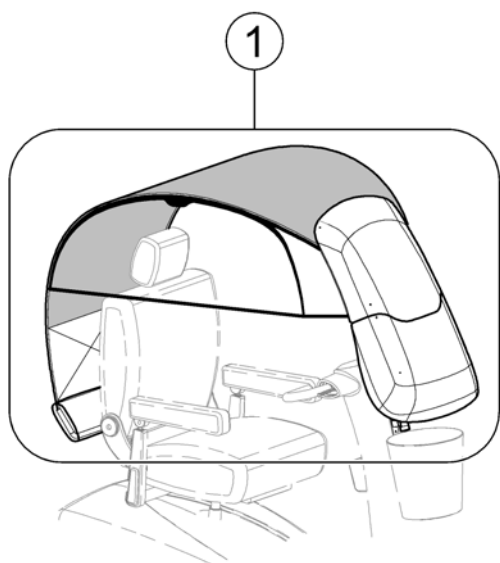
155257X.png



Pos.	Part number	Description	Valid from → until	Qty
1	SP1552537	Rear Bracket for Storage Box		1
2	SP1553854	Crutch holder bracket		1
3	SP1552594	Extension Tubes Rollator Holder <i>only needed for Orion & Comet</i>		1
4	5824117	hand wheel M8x15		1

Veltop Rain- & Suncover

1579512.iso



Pos.	Part number	Description	Valid from → until	Qty
1	SP1572494	Rain- & Suncover, cpl.		1
2	SP1572507	Fiber Rods for Rain- & Suncover		1
-	SP1587493	Rear Holder (KlickFix) <i>not shown</i>		1



Yes, you can.®



Belgium & Luxemburg:

Invacare nv, Autobaan 22, B-8210 Loppem
Tel: (32) (0)50 83 10 10, Fax: (32) (0)50 83 10 11
belgium@invacare.com / www.invacare.be

Denmark:

Invacare A/S, Sdr. Ringvej 37, DK-2605 Brøndby
Tel: (45) (0)36 90 00 00, Fax: (45) (0)36 90 00 01
denmark@invacare.com / www.invacare.dk

Deutschland:

Invacare Aquatec GmbH, Alemannenstraße 10, D-88316 Isny
Tel: (49) (0)75 62 7 00 0, Fax: (49) (0)75 62 7 00 66
info@invacare-aquatec.com / www.invacare-aquatec.de

European Distributor Organisation:

Invacare, Kleiststraße 49, D-32457 Porta Westfalica
Tel: (49) (0)57 31 754 540, Fax: (49) (0)57 31 754 541
edo@invacare.com / www.invacare.eu.com

España:

Invacare SA, c/Areny s/n, Polígono Industrial de Celrà, E-17460 Celrà (Girona)
Tel: (34) (0)972 49 32 00, Fax: (34) (0)972 49 32 20
contactsp@invacare.com / www.invacare.es

France:

Invacare Poirier SAS, Route de St Roch, F-37230 Fondettes
Tel: (33) (0)2 47 62 64 66, Fax: (33) (0)2 47 42 12 24
contactfr@invacare.com / www.invacare.fr

Ireland:

Invacare Ireland Ltd, Unit 5 Seatown Business Campus, Seatown Road, Swords, County Dublin - Ireland
Tel: (353) 1 810 7084, Fax: (353) 1 810 7085
ireland@invacare.com / www.invacare.ie

Italia:

Invacare Mecc San s.r.l., Via dei Pini 62, I-36016 Thiene (VI)
Tel: (39) 0445 38 00 59, Fax: (39) 0445 38 00 34
italia@invacare.com / www.invacare.it

Nederland:

Invacare BV, Celsiusstraat 46, NL-6716 BZ Ede
Tel: (31) (0)318 695 757, Fax: (31) (0)318 695 758
nederland@invacare.com, csede@invacare.com / www.invacare.nl

Norge:

Invacare AS, Grensesvingen 9, Postboks 6230, Etterstad, N-0603 Oslo
Tel: (47) (0)22 57 95 00, Fax: (47) (0)22 57 95 01
norway@invacare.com, island@invacare.com / www.invacare.no

Österreich:

Invacare Austria GmbH, Herzog Odilostrasse 101, A-5310 Mondsee
Tel: (43) 6232 5535 0, Fax: (43) 6232 5535 4
info-austria@invacare.com / www.invacare.at

Portugal:

Invacare Lda, Rua Estrada Velha, 949, P-4465-784 Leça do Balio
Tel: (351) (0)225 1059 46/47, Fax: (351) (0)225 1057 39
portugal@invacare.com / www.invacare.pt

Sverige & Suomi:

Invacare AB, Fagerstagatan 9, S-163 91 Spånga
Tel: (46) (0)8 761 70 90, Fax: (46) (0)8 761 81 08
sweden@invacare.com, finland@invacare.com / www.invacare.se

Switzerland:

Invacare AG, Benkenstrasse 260, CH-4108 Witterswil
Tel: (41) (0)61 487 70 80, Fax: (41) (0)61 487 70 81
switzerland@invacare.com / www.invacare.ch

United Kingdom:

Invacare Limited, Pencoed Technology Park, Pencoed, Bridgend CF35 5AQ
Switchboard Tel: (44) (0)1656 776200, Fax: (44) (0)1656 776201
Customer services Tel: (44) (0)1656 776222, Fax: (44) (0)1656 776220
uk@invacare.com / www.invacare.co.uk