

MBK eBikes AX-ION 2013-2014

Parts

Version 9.0

Overview

- The following slide deck is a guide to identify the article numbers and in case of branded parts (like Shimano - see '1' below), where to source the products.
- The MBK eBikes are made up of parts from:
 1. Branded parts (bike components). Has to be sourced from the local representations, European head quarters or European agents.
 1. For the branded parts, where possible, link/search name to online material is provided.
 2. Original MBK parts (bike components). Has to be sourced through Cyclevision or local distributor.
 3. Original YMC parts (electrical components). Has to be sourced through Cyclevision (parts come from YMC).

Branded parts

Suntour

Suspension fork.

- **SR Suntour EUROPE GmbH (European headquarter)**
Sales, Customer Support and Technical Services
Am Marschallfeld 6a
83626 Valley
Germany
Tel: +49 (0) 8024 473 99 0
Fax: +49 (0) 8024 47 30984
Email: service@srsuntour-cycling.com
- **SR Suntour EUROPE S.A.**
Sales and Customer Support
Bld. Henri Rolin 5Bis
1410 Waterloo
Belgium
Tel: +32 (0) 23544676
Fax: +32 (0) 23547835
Email: sales.ssb@srsuntour-cycling.com
- **SAV SR Suntour France Sales**
Customer Support and Technical Services
Parc d'activités Alpespace
604 voie Galilee
73800 SAINTE HELENE DU LAC
France
Tel: +33 (0) 981241650
Fax: +33 (0) 479286971
Email: sav@srsuntour-cycling.com

Finding the right part for Axion

Front fork	Model					Link/search name/comments
Item no.	1.1	2.2	3.3	4.4	5.5	
SF13-NEX HLO 700C		+				http://www.srsuntour-cycling.com/bike/details/?TreeNodeID=3891 (2014 model)
SF13-CR-8R MLO 700C			+	+		http://www.srsuntour-cycling.com/bike/details/?TreeNodeID=4015 (2014 model). For 4.4, fork comes in either red or black depending on frame.



Shimano

Gear, brakes etc.

- **Shimano Europe B. V.**
Industrieweg 24, 8071 CT
Nunspeet
The Netherlands
Tel: +31 341-272222
- **Shimano France Composants Cycles**
Zone Actiparc 777 rue Commios
62052 St. Laurent-Blangy Cedex, France
Tel: +49 711 2588 02
Email: contact-france@shimano-eu.com
URL: www.shimano-france.fr
- **Shimano Belgium NV**
Industrie Mechelen Noord II
Zandvoortstraat 21
2800 Mechelen, Belgium
Tel: +32 (0) 15 209480
Email: salesbx@shimano-eu.com
URL: www.shimano-benelux.com

Finding the right part for Axion

Use 'Search name' to find manuals on <http://si.shimano.com/>

Internal gear	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
SM-7R45N020H			+	+	+	SG-7R50

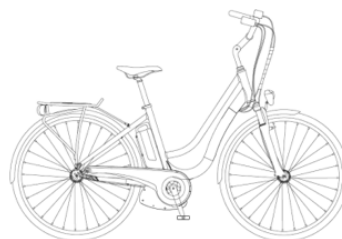
Shifter	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
ISLM590RA	+					Not possible

Rear derail.	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
IRDM591SGSL	+					Not possible
<i>IRD4601SS</i>		+				<i>RD-4601</i>

Rear hub	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
EFHRM66AZBLP	+	+				Not possible
<i>KSG7550AS</i>			+	+	+	<i>SG-7R50</i>

Rear rotor	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
ESMRT30M	+	+				SM-RT30-M

Rear brake	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
ABRIM81RB			+	+	+	Not possible



Free wheel	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
ICSHG509225	+	+				CS-HG50-9

Sprocket	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
ASMGEAR20SP			+	+	+	Not possible

Front hub	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
EHBRM66ALP	+	+				HB-RM66
<i>AHBIM40PDC</i>			+	+	+	<i>HB-IM40</i>

Front rotor	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
ESMRT30M	+	+				SM-RT30-M

Front brake	Model					Search name
Item no.	1.1	2.2	3.3	4.4	5.5	
ABRIM81FB			+	+	+	Not possible

'Not possible': Either because item is simple (like the sprocket), not going model anymore, OEM part only or other unknown reason.

Tektro *agent*

Brakes

- **Buzaglo BV**
Tel: +31 (0) 365 210 119
Fax: +31 (0) 365 210 105
URL: www.buzaglo.nl

Finding the right part for Axion

Brake lever		Model					Link/search name/comments
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5		
CL-536CRT	+	+					
CL-531CTS	+	+				http://www.tekro.com/ (Not possible to find directly. Go through Tektro support/agent)	







Jagwire

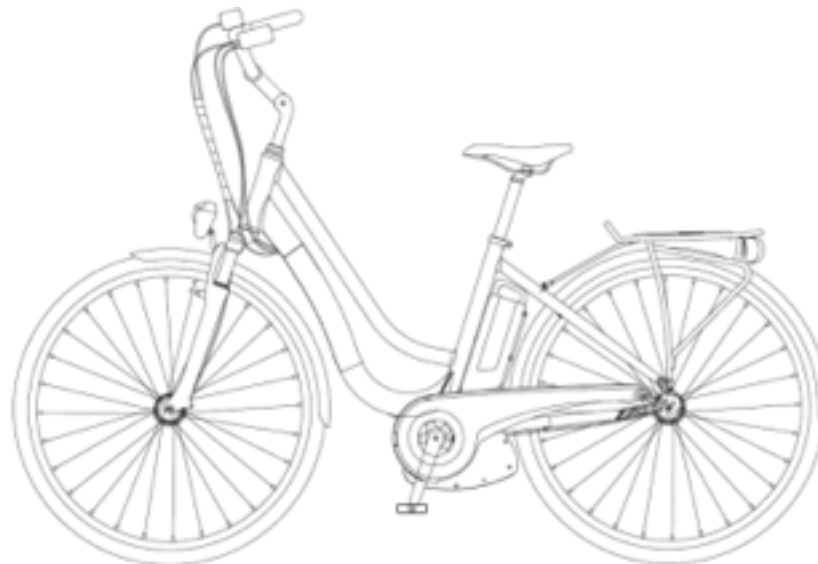
Brakes

- **Jagwire Europe**
(Aftermarket Sales & Marketing)
Avenue Edison 5
Zoning Nord
1300 Wavre
Belgium
Tel: +32 10 23 01 80
Fax: +32 10 23 01 81
URL: jageurope@nowcompany.com

Finding the right part for Axion

Brake cable	Bike color		Model					Link/search name/comments
Item no.			1.1	2.2	3.3	4.4	5.5	
2P*5 mm with inner cable					+			
<i>White 2P*1.6*5 mm with inner cable</i>	+					+	+	http://www.jagwire.com/ (Not possible to find directly. Go through Jagwire support)
2P*1.6*5 mm with inner cable		+				+	+	

Shift casing/cable	Bike color		Model					Link/search name/comments
Item no.			1.1	2.2	3.3	4.4	5.5	
Green Lex-40 out casing				+				
<i>Gold braided out casing</i>					+			http://www.jagwire.com/ (Not possible to find directly. Go through Jagwire support)
White Lex-40 out casing	+					+	+	
<i>Black Lex-40 out casing</i>		+				+	+	



Pletscher

Kickstand

- **Pletscher AG**
Upper Shilling 4
CH-8460 Halen
Tel: +41 (0) 52 305 46 46
Fax: +41 (0) 52 305 46 40
Email: info@pletscher.ch

Finding the right part for Axion

More info on <http://www.pletscher.ch/wEnglisch/pages/Produkte/index.php?IdTreeGroup=5&navid=10>

Kick stand	Model					Link/search name/comments
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5	
COMP 40	+	+				http://www.pletscher.ch/wEnglisch/pages/Produkte/index.php?IdTreeGroup=17&IdProduct=84&navid=10
COMP 28"			+	+	+	http://www.pletscher.ch/wEnglisch/pages/Produkte/index.php?IdTreeGroup=17&IdProduct=17&navid=10

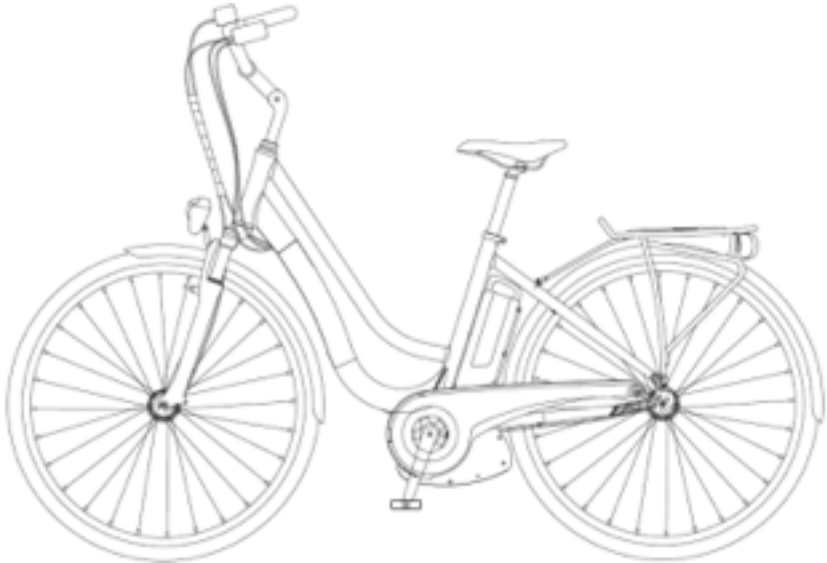


AXA

Lock

- **AXA Stenman Nederland (Benelux)**
Energie Straat 2
3903 AV Veenendaal
Nederland
Postbus 47
3900 AA Veenendaal
Tel: +31 318 536 111
Fax: +31 318 595

Lock	Model					Link/search name/comments
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5	
Defender + cable	+	+	+	+	+	http://www.axa-stenman.com/en/bicycle-components/locks/frame-locks/defender/



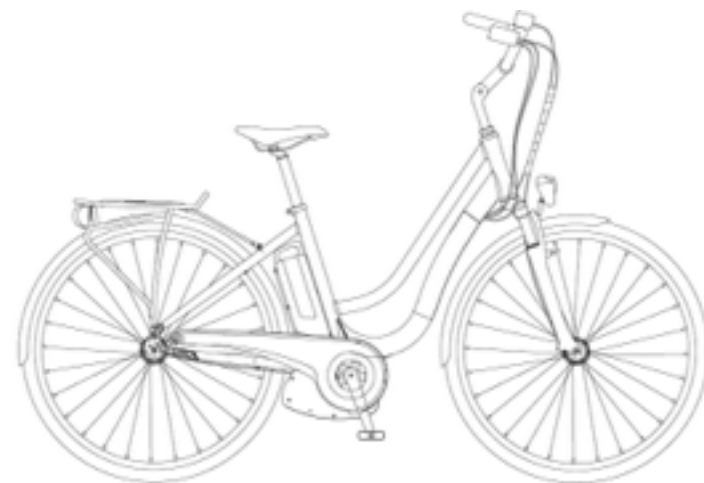
Original MBK parts

Finding the right part for Axion

FRAME

Frame	Gender		Size	Bike color		Model				
	Lady	Gent		1.1	2.2	3.3	4.4	5.5		
<i>Item no.</i>										
FRAM1118			18			+				
<i>FRAM1120</i>			20			+				
FRAM1122			22			+				
<i>FRAM2246L</i>	+		46				+			
FRAM2248L	+		48				+			
<i>FRAM2250L</i>	+		50				+			
FRAM2253L	+		53				+			
<i>FRAM2253G</i>		+	53				+			
FRAM2255G		+	55				+			
<i>FRAM2258G</i>		+	58				+			
FRAM2261G		+	61				+			
<i>FRAM3346</i>	+		46						+	
FRAM3348	+		48						+	
<i>FRAM3350</i>	+		50						+	
FRAM3353	+		53						+	
<i>FRAM4446R</i>	+		46	+						+
FRAM4446B	+		46		+					+
<i>FRAM4448R</i>	+		48	+						+
FRAM4448B	+		48		+					+
<i>FRAM4450R</i>	+		50	+						+

Frame	Gender		Size	Bike color		Model				
	Lady	Gent		1.1	2.2	3.3	4.4	5.5		
<i>Item no.</i>										
FRAM4450B	+		50			+				+
<i>FRAM4453R</i>	+		53	+						+
FRAM4453B	+		53			+				+
<i>FRAM5546R</i>	+		46	+						+
FRAM5546B	+		46			+				+
<i>FRAM5548R</i>	+		48	+						+
FRAM5548B	+		48			+				+
<i>FRAM5550R</i>	+		50	+						+
FRAM5550B	+		50			+				+
<i>FRAM5553R</i>	+		53	+						+
FRAM5553B	+		53			+				+



Finding the right part for Axion

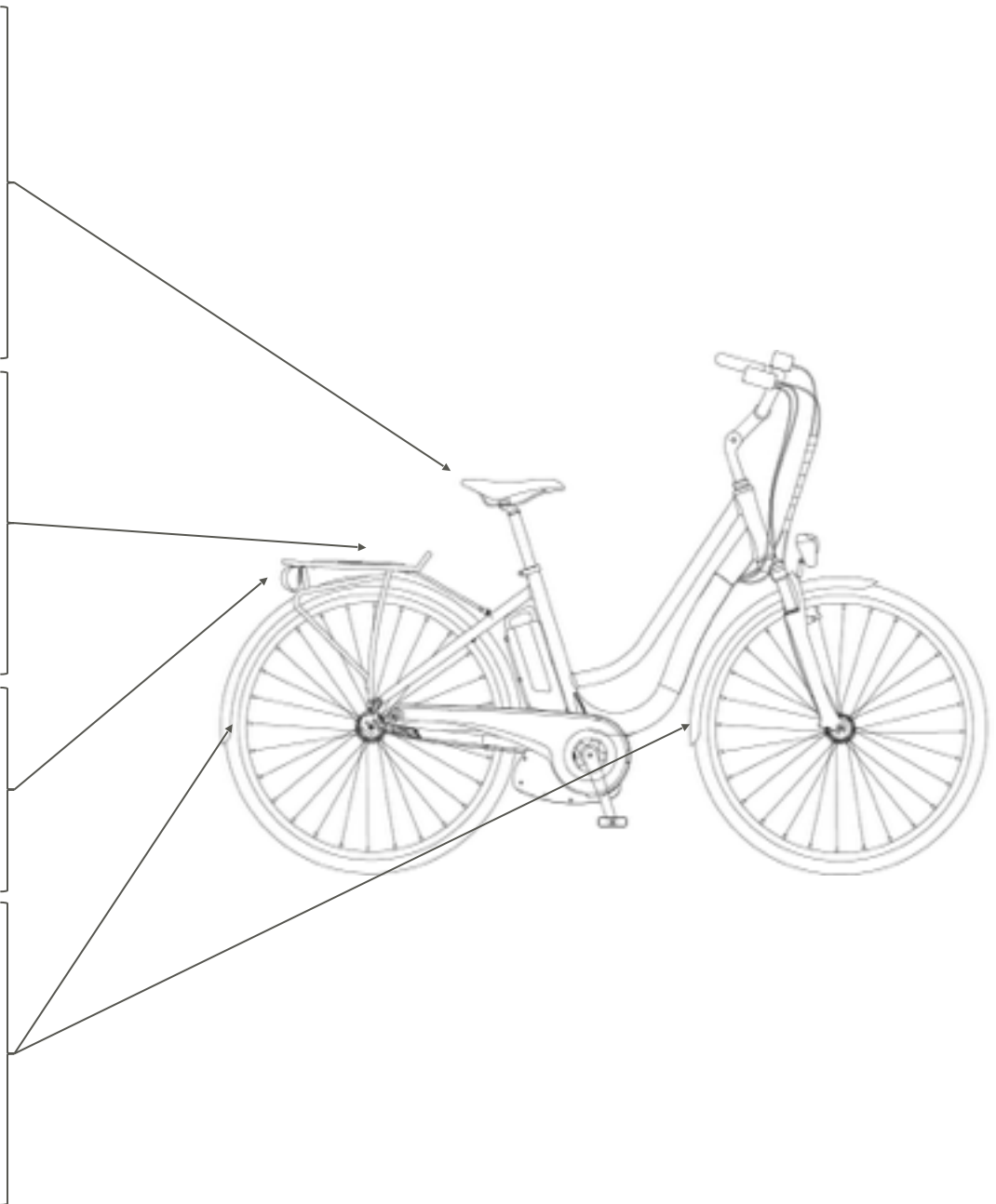
BACK/1. Saddle, carrier, rear light, fender



Saddle	Bike color		Model				
Item no.	Red	Black	1.1	2.2	3.3	4.4	5.5
SEAT0061B				+			
SEAT0062A					+		
SEAT0063A						+	
SEAT0063B		+					+
SEAT0063C	+						+

Carrier	Bike color		Model				
Item no.	Red	Black	1.1	2.2	3.3	4.4	5.5
CARR0031A				+			
CARR0024B1					+		
CARR0029A3		+				+	+
CARR0029A4	+					+	+

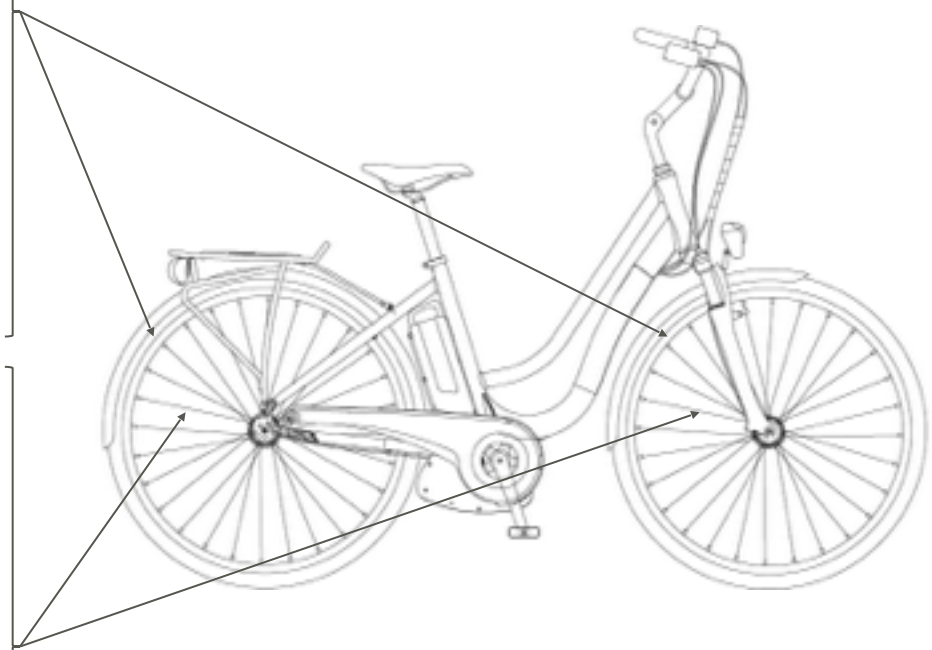
Rear light	Model				
Item no.	1.1	2.2	3.3	4.4	5.5
LIGH0024	+				
LIGH0023		+	+	+	+

Fender	Bike color		Model				
Item no.	Red	Black	1.1	2.2	3.3	4.4	5.5
FEND0006G				+			
FEND0018B					+		
FEND0018A		+			+	+	+
FEND0012-12A	+					+	+



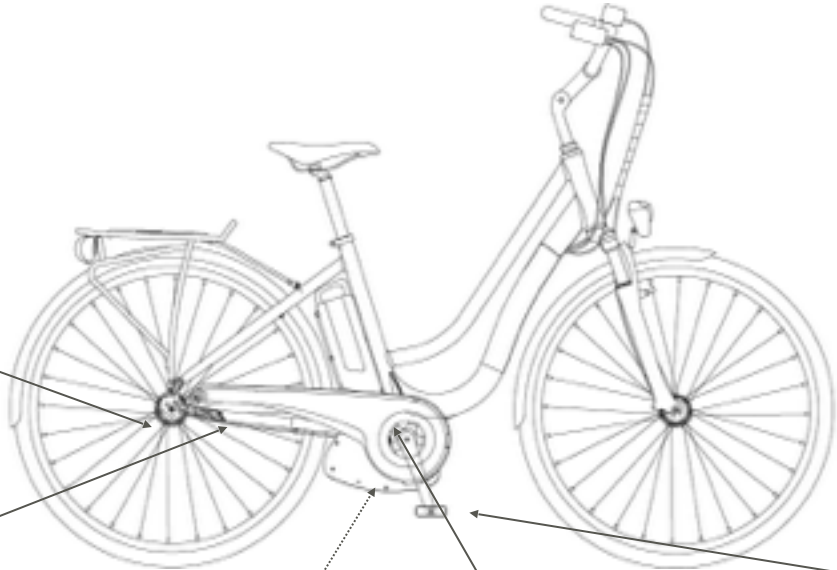
Rim	Valve		Bike color		Model				
	F/V	D/V			1.1	2.2	3.3	4.4	5.5
Item no.									
RIMS0052A13C	+				+				
RIMS0052A13A		+			+				
RIMS0052A13D	+					+			
RIMS0052A13B		+				+			
RIMS0036N2	+							+	
RIMS0036N1		+						+	
RIMS0036M4	+		+					+	+
RIMS0036M3	+			+				+	+
RIMS0036M2		+	+					+	
RIMS0036M1		+	+					+	

Spokes	Wheel		Model				
	Front	Rear	1.1	2.2	3.3	4.4	5.5
Item no.							
SPOK0010 (14x287 mm. Black)	+	+	+	+			
SPOK0011 (14x287 mm. SD-PC-31:	+	+	+				
SPOK0020 (14x287 mm. SD-PC-25: Gold)	+	+		+			
SPOK0030 (14*289. Silver)	+				+	+	+
SPOK0031 (13*269. Silver)		+			+		
SPOK0041 (14*269. Silver)		+				+	+



For rims, details per item no. is added in case dealer/user wants to source alternatives

Finding the right part for Axion BOTTOM. Chain, cover MBK, crank set, pedals, dropout



Drop out	Model	
<i>Item no.</i>	1.1	2.2
ENDS0015	+	+

Chain	Model				
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5
CHAI0019A2	+				
CHAI0019A1		+			
CHAI0020A1			+	+	+

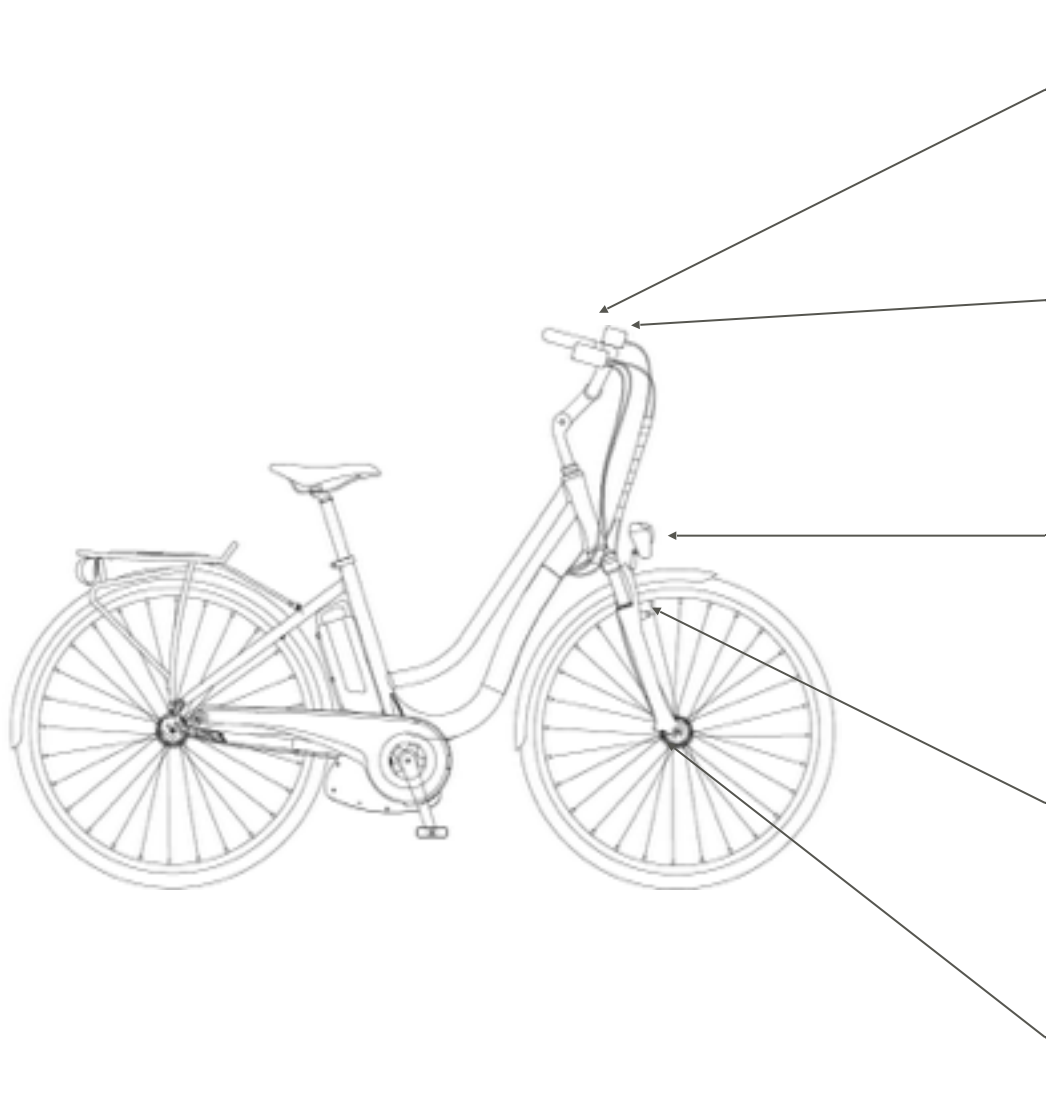
Pedals	Model				
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5
PEDL0073A	+				
PEDL0060A		+		+	+
PEDL0072A			+		

Cover MBK	Model				
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5
CHCO0018A	+	+			
CHCO0018B			+	+	+

Crank set	Model				
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5
CHWH0079A1	+				
CHWH0078A1		+	+		
CHWH0078A2				+	+

Left side

Finding the right part for FRONT Brake lever, shifter, front light, fork, sensor bracket



Brake lever		Model				
Item no.	1.1	2.2	3.3	4.4	5.5	
BRAK0086A			+	+	+	

Shifter		Model				
Item no.	1.1	2.2	3.3	4.4	5.5	
SHFT0032A1	+	+				
SHFT0027A1			+	+	+	

Front light		Model				
Item no.	1.1	2.2	3.3	4.4	5.5	
LIGH0022A	+				+	
LIGH0022B		+	+	+		



Fork		Bike color		Model				
Item no.				1.1	2.2	3.3	4.4	5.5
FORK2013-A011B					+			
FORK2013-A055R	+							+
FORK2013-A055B		+						+

Sensor bracket		Model				
Item no.	1.1	2.2	3.3	4.4	5.5	
BRAC0021	+	+	+	+	+	

Finding the right part for Axion

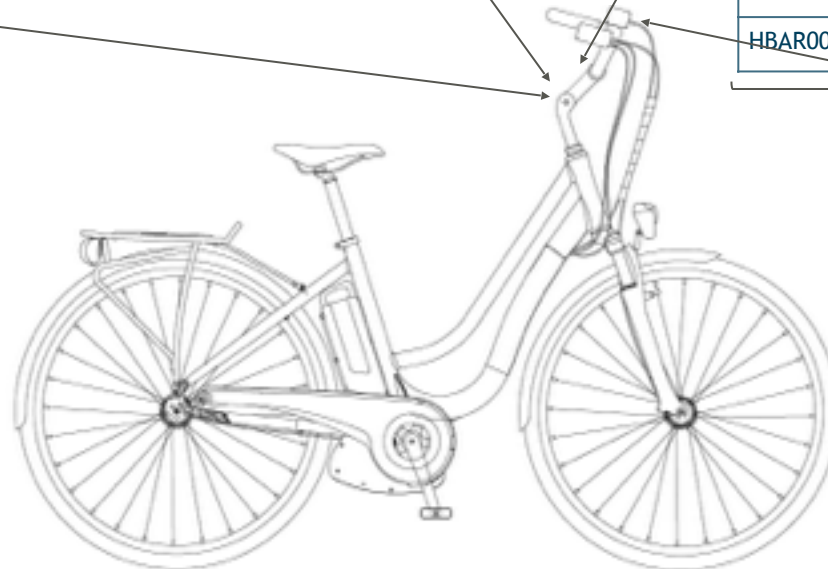
TOP/1. Head set, head set cap, grip, handle bar

Head set cap		Model				
<i>Item no.</i>		1.1	2.2	3.3	4.4	5.5
CAPS0008C8	+					

Grip		Bike color		Model				
<i>Item no.</i>				1.1	2.2	3.3	4.4	5.5
GRIP0076A1				+				
GRIP0076B1					+			
GRIP0076B2						+		
GRIP0076C1	+						+	
GRIP0076D1		+					+	
GRIP0076D1	+	+						+

Head set		Model				
<i>Item no.</i>		1.1	2.2	3.3	4.4	5.5
HEAD0045	+					
HEAD0047A		+	+			
HEAD0041A				+	+	

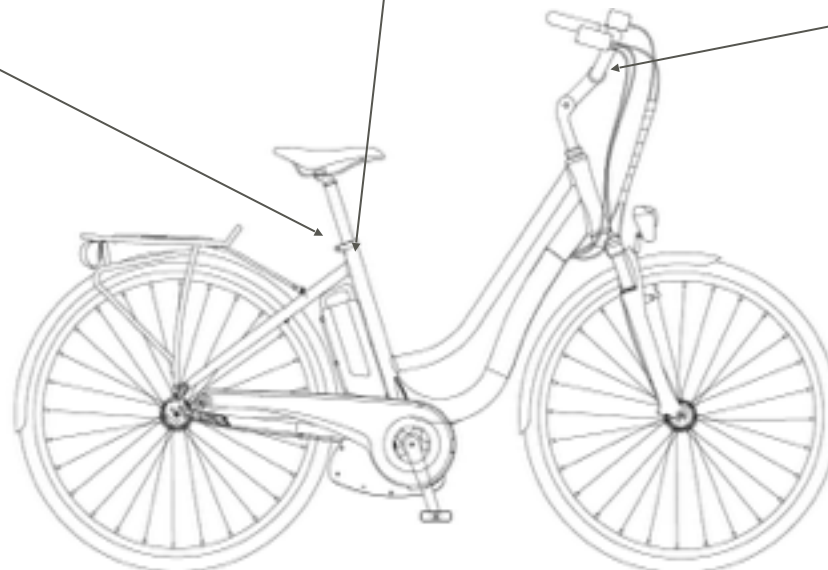
Handle bar		Model				
<i>Item no.</i>		1.1	2.2	3.3	4.4	5.5
HBAR0053B2	+					
HBAR0015H			+			
HBAR0048A1				+	+	+



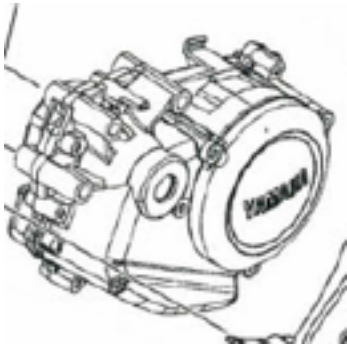
Seat post	Model				
	1.1	2.2	3.3	4.4	5.5
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5
POST0034A	+				
POST0034B	<i>Parts. Can also use POST0034B</i>				
POST0035A		+			
POST0035B			+	+	+

Seat clamp	Model				
	1.1	2.2	3.3	4.4	5.5
<i>Item no.</i>	1.1	2.2	3.3	4.4	5.5
CLMP0026H	+				
CLMP0016A		+			
CLMP0027A2			+		
CLMP0027A1				+	+

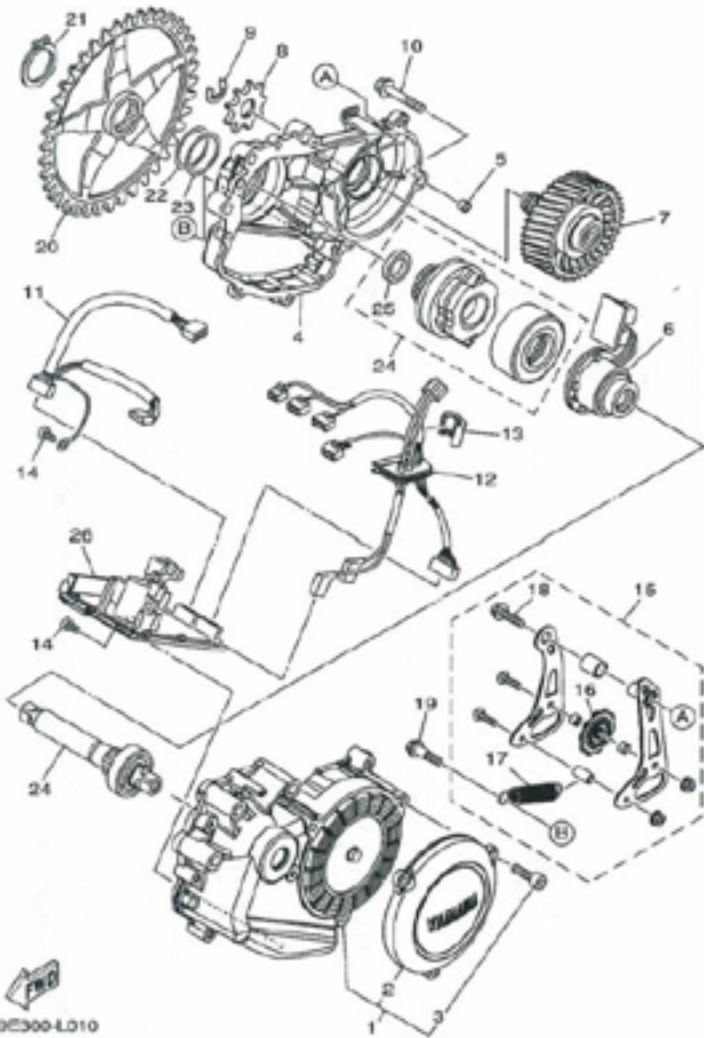
Stem	Bike size			Model				
	<58	58-		1.1	2.2	3.3	4.4	5.5
<i>Item no.</i>	<58	58-		1.1	2.2	3.3	4.4	5.5
STEM0080B1	+				+			
STEM0080B2		+			+			
STEM0080A1						+		
STEM0079A1							+	+



Original YMC parts (suggested parts by YMC)

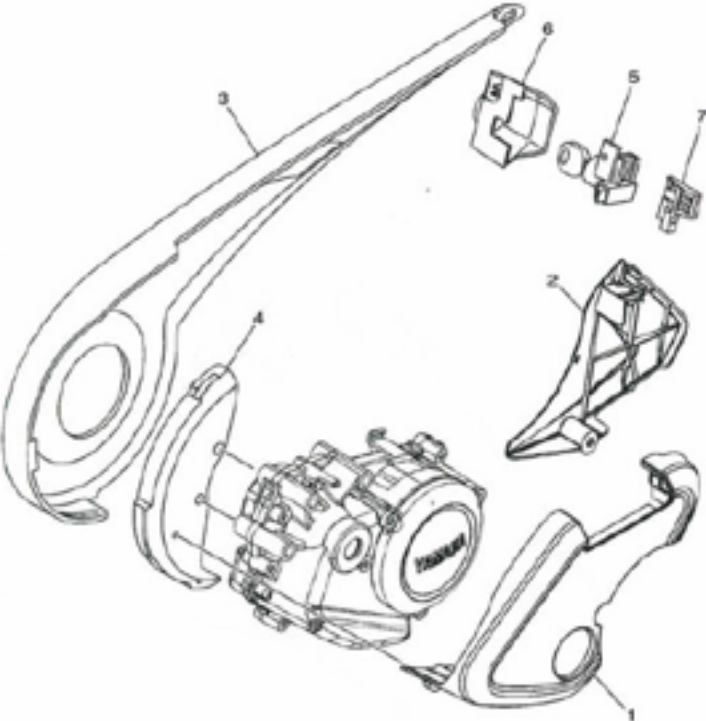


Electric/PAS. Power unit			Model				
Ref.	Item no.	Description	1.1	2.2	3.3	4.4	5.5
			Kit →		X89G	X89F	X89E
...	X89-17061-50	Drive unit assy			1	1	1
...	X89-17061-60	Drive unit assy		1			
...	X89-17061-70	Drive unit assy	1				

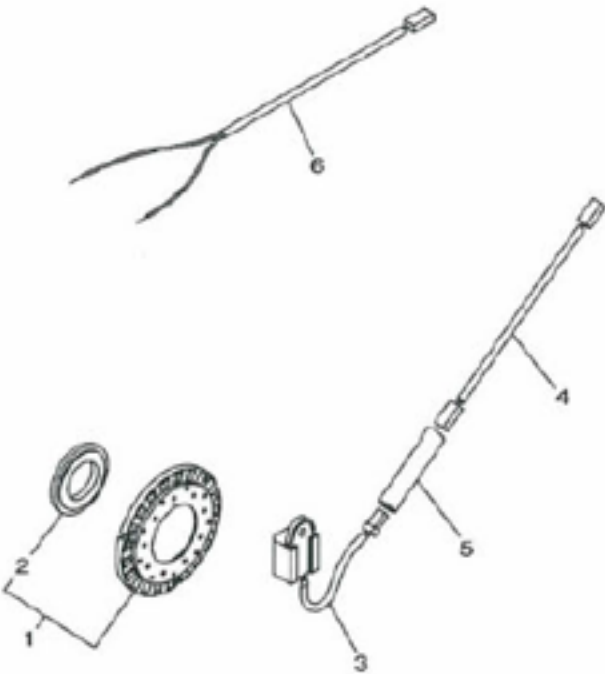


Electric/PAS. Power unit			Model				
Ref.	Item no.	Description	1.1	2.2	3.3	4.4	5.5
			Kit →		X89G	X89F	X89E
8	X88-16616-00	Sprocket	1	1	1	1	1
15	X73-12210-00	Tensioner assy, cam chain	1	1	1	1	1
16	X70-12261-00	Sprocket, tensioner	1	1	1	1	1
17	X73-17493-00	Spring	1	1	1	1	1
20	X88-17452-00	Sprocket, drive	1	1	1	1	1
21	99009-30400	Circlip	1	1	1	1	1
22	90206-30001	Washer, wave*	1	1	1	1	1
23	X89-17419-00	Spacer	1	1	1	1	1

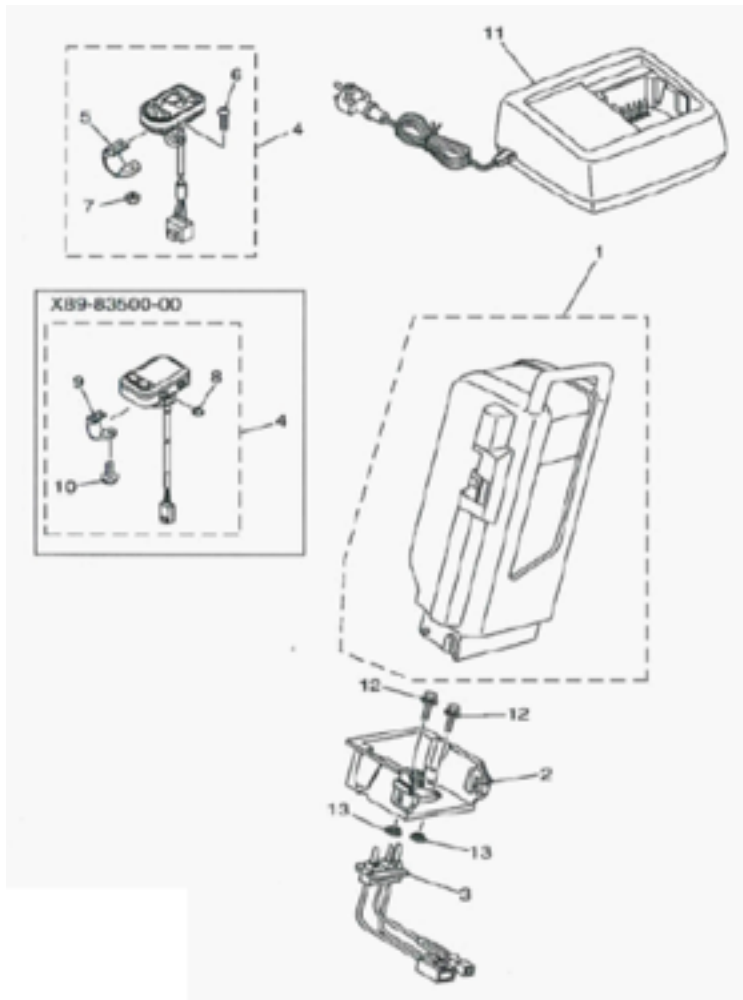
* If necessary.



Electric/PAS. Side cover			Model				
Ref.	Item no.	Description	1.1	2.2	3.3	4.4	5.5
		Kit →	X89G	X89F	X89E	X89E	X89E
1	<i>(Original MBK)</i>	<i>Cover, side 1 (see link)</i>					
2	X73-12256-00	Cover, chain	1	1	1	1	1
3	X89-22311-00	Case, chain	1	1	1	1	1
4	X73-22321-00	Stay, chain case 1	1	1	1	1	1
5	X89-21780-00	Lock assy	1	1	1	1	1
6	X89-2848Y-10	Cover, lock	1	1	1	1	1
7	X89-21399-00	Cap	1	1	1	1	1



Electric/PAS. Steering handle and cable			Model					
Ref.	Item no.	Description	1.1	2.2	3.3	4.4	5.5	
			Kit →	X89G	X89F	X89E	X89E	X89E
1	X88-81455-02	Magnet comp.	1	1	1	1	1	
3	X88-81670-A0	Pick-up assy	1	1	1	1	1	
4	X70-86177-E0	Wire, lead 7	1	1	1	1	1	
5	X57-2635F-00	Tube, wire	1	1	1	1	1	
6	X89-86178-00	Wire, lead 8	1	1	1	1	1	



Electric/PAS. Steering handle and cable			Model				
Ref.	Item no.	Description	1.1	2.2	3.3	4.4	5.5
		Kit →	X89G	X89F	X89E	X89E	X89E
1	X89-8212A-00	Battery box assy	1	1	1	1	1
2	X89-82154-10	Case	1	1	1	1	1
3	X74-87234-00	Plug, D.C. receptable	1	1	1	1	1
4	X89-83500-00	Meter assy	1	1	1	1	1
11	X89-82107-00	Charger, battery	1	1	1	1	1
13	X12-86129-00	Collar	1	1	1	1	1